

Converting Colors

XYZ(74.6161, 90.5637, 58.3488)

Have a look what the booklet for
XYZ(74.6161, 90.5637, 58.3488)
contains.

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Color

**XYZ(74.7387, 90.6269,
58.3533)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFFFB7 |
| RGB | 223, 255, 183 |
| RGB Percent | 87%, 100%, 72% |
| CMY | 0.1255, 0.0000, 0.2823 |
| CMYK | 0.13, 0.00, 0.28, 0.00 |
| HSL | 87°, 100%, 86% |
| HSV | 87°, 28%, 100% |
| XYZ | 74.7387, 90.6269, 58.3533 |
| YIQ | 237.2240, 4.0400, -29.1760 |

Conversions

Conversions Part 2

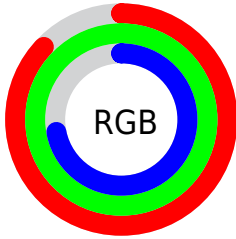
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 183, 255, 215 |
| Decimal | 14679991 |
| CIELab | 96.26, -22.36, 31.09 |
| CIELCh | 96, 38.298, 125.726 |
| Yxy | 90.6269, 0.3341, 0.4051 |
| Android (android.graphics.Color) | 4292870071 (0xFFDFFF7) |
| YUV | 237.2240, -26.7324, -12.4744 |
| Hunter-Lab | 95.1982, -26.4590, 30.2959 |

Details

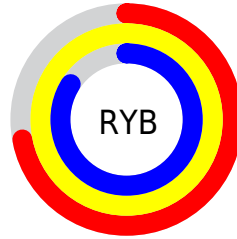
The XYZ color **74.7387, 90.6269, 58.3533** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.0088, 55.5352, 102.0062**, and the grayscale version is **80.8656, 85.0769, 92.6487**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **40.0929, 50.1886, 28.3431** is the 20% darker color. If you saturate the color by 10%, you get **68.9444, 87.9192, 45.4600**, and if you desaturate by 10%, it is **81.2486, 93.6479, 73.7926**.

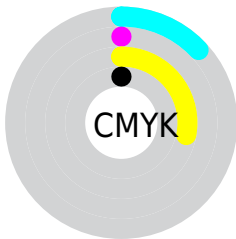
Distribution



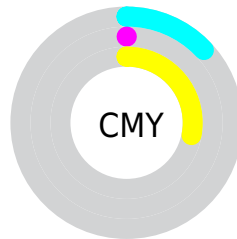
- Red (87%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7387, 90.6269, 58.3533 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.7387, 90.6269, 58.3533 by changing the saturation by 10% instead.


 74.7387, 90.6269,
58.3533

 74.7387, 90.6269,
58.3533


466.0300,
530.0680, 436.1361

 55.6923, 68.5007,
41.6762

 124.9323,
148.2089, 103.9570

 40.1923, 50.3052,
28.5241


156.8102,
184.4335, 133.7207

 27.8734, 35.6560,
18.4787

193.6959,
226.1263, 168.6836

 18.3702, 24.1686,
11.1212

235.9549,
273.6718, 209.2644

 11.3174, 15.4587,
6.0332

283.9524,
327.4543, 255.8814

 6.3496, 9.1420,
2.7962

338.0539,

 3.1015, 4.8339,

387.8582, 308.9534

0.9915

398.6246,
455.2680, 368.8988

■ 1.2076, 2.1501,
0.0000

■ 0.1124, 0.6926,
0.0000

■ 74.7387, 90.6269,
58.3533

■ 74.7387, 90.6269,
58.3533

■ 68.9444, 87.9192,
45.4600

■ 81.2486, 93.6479,
73.7926

■ 63.8337, 85.5114,
34.9716

■ 88.5012, 96.9934,
91.9008

■ 59.3741, 83.3900,
26.7396

95.0500, 100.0000,
108.9000

■ 55.5291, 81.5398,
20.5971

■ 52.2576, 79.9438,
16.3543

■ 49.5120, 78.5823,
13.7868

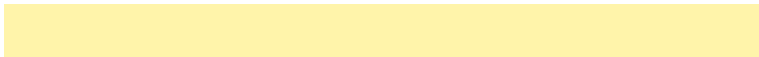
■ 47.2281, 77.4292,
12.5854

■ 46.8580, 77.2413,
12.4394

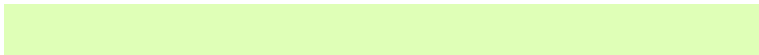
Harmonies

Analogous

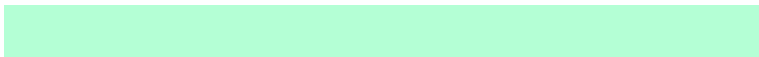
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1136, 90.6269, 51.1150



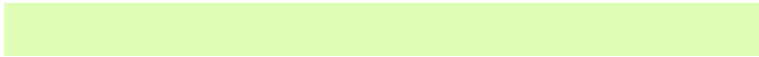
74.7387, 90.6269, 58.3533



68.8060, 90.6269, 76.5020

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7387, 90.6269, 58.3533



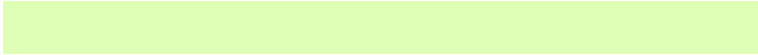
78.0004, 90.6269, 162.2865



108.1343, 90.6269, 92.9477

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.7387, 90.6269, 58.3533



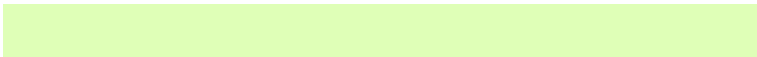
63.0088, 55.5352, 102.0062

Split Complementary

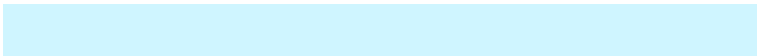
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.1609, 90.6269, 124.7704



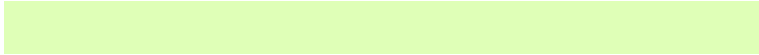
74.7387, 90.6269, 58.3533



88.1949, 90.6269, 169.1906

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7387, 90.6269, 58.3533



70.5778, 90.6269, 136.9849



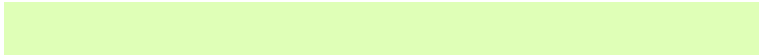
98.6415, 90.6269, 154.2792



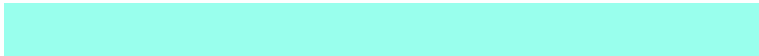
103.8324, 90.6269, 68.2734

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7387, 90.6269, 58.3533



67.3092, 90.6269, 94.3757



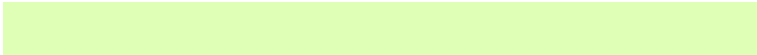
98.6415, 90.6269, 154.2792



108.1869, 90.6269, 103.1076

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.7391, 90.6271, 58.3546



88.6803, 97.0758, 92.3582



73.8850, 72.8741, 54.9730



18.7367, 20.6657, 19.1457



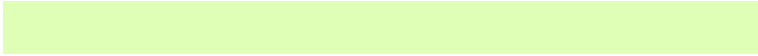
0.0000, 0.0000, 0.0000



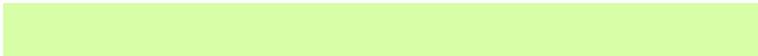
20.3446, 21.4041, 23.3091

Same Dimension

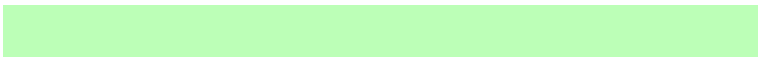
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7391, 90.6271, 58.3546



71.3128, 89.0284, 50.6181



64.9978, 85.6053, 57.8987



18.7367, 20.6657, 19.1457



24.6589, 40.4502, 6.5080



2.5267, 4.0033, 0.6395

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.0088, 55.5352, 102.0062



57.7938, 48.5776, 100.9381



74.4801, 61.4489, 102.5430



17.7694, 17.7728, 22.7439



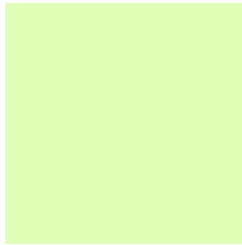
13.1779, 5.7039, 49.8410



1.4064, 0.6189, 4.8586

Previews

White Background



This preview shows how the XYZ color 74.7387, 90.6269, 58.3533 looks on a white background.

Color Contrast Check

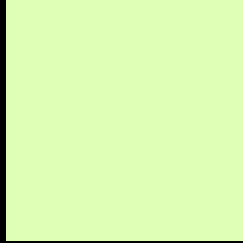
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.7387, 90.6269, 58.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

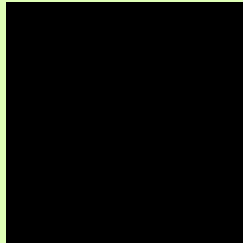
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

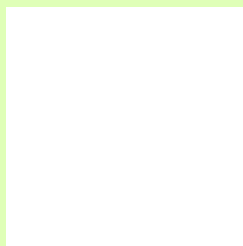
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7387, 90.6269, 58.3533

Background



This preview shows how black text looks on a background with the XYZ color 74.7387, 90.6269, 58.3533.



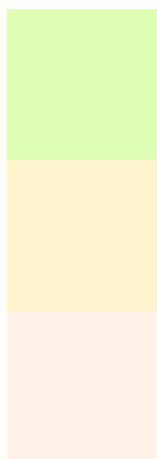
This preview shows how white text looks on a background with the XYZ color 74.7387, 90.6269,

58.3533.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.7387, 90.6269, 58.3533

Protanopia

84.8532, 90.4664, 72.0210

Deuteranopia

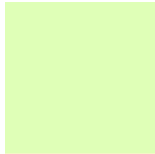
87.2608, 89.9968, 89.1159



Tritanopia

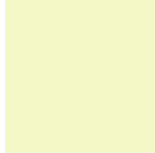
85.9973, 90.2721, 107.4995

Trichromacy



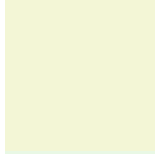
Original Color

74.7387, 90.6269, 58.3533



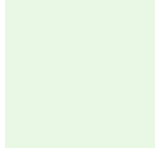
Protanomaly

80.7226, 90.2667, 66.5948



Deuteranomaly

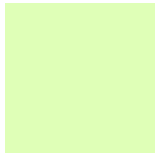
82.0555, 89.8213, 76.6308



Tritanomaly

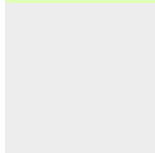
81.3145, 90.1156, 87.2371

Monochromacy



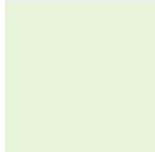
Original Color

74.7387, 90.6269, 58.3533



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1538, 86.8669, 78.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7387, 90.6269, 58.3533 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 74.7387, 90.6269, 58.3533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 255, 183) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 255, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7387, 90.6269, 58.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
255, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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