

Converting Colors

XYZ(81.8886, 105.3295,
68.6003)

Have a look what the booklet for
XYZ(81.8886, 105.3295, 68.6003)
contains.

XYZ(74.4533, 90.3029, 66.3294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4533, 90.3029,
66.3294)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFC5
RGB	217, 255, 197
RGB Percent	85%, 100%, 77%
CMY	0.1490, 0.0000, 0.2274
CMYK	0.15, 0.00, 0.23, 0.00
HSL	99°, 100%, 89%
HSV	99°, 23%, 100%
XYZ	74.4533, 90.3029, 66.3294
YIQ	237.0260, -4.0300, -26.0940

Conversions

Conversions Part 2

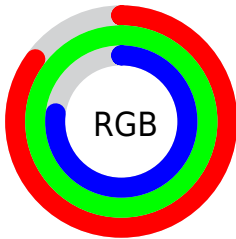
Format	Color
RYB	197, 255, 235
Decimal	14286789
CIELab	96.12, -22.37, 23.77
CIELCh	96, 32.644, 133.264
Yxy	90.3029, 0.3222, 0.3908
Android (android.graphics.Color)	4292476869 (0xFFD9FFC5)
YUV	237.0260, -19.7328, -17.5628
Hunter-Lab	95.0278, -26.4459, 25.1351

Details

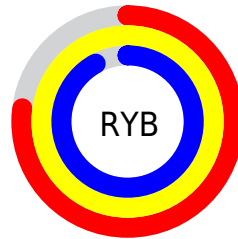
The XYZ color **74.4533, 90.3029, 66.3294** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.2781, 64.8159, 103.3090**, and the grayscale version is **80.6651, 84.8660, 92.4191**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.0523, 50.0527, 33.5368** is the 20% darker color. If you saturate the color by 10%, you get **67.0567, 86.7993, 51.9992**, and if you desaturate by 10%, it is **82.8482, 94.2640, 83.2889**.

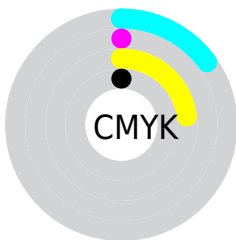
Distribution



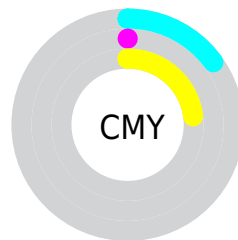
- Red (85%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4533, 90.3029, 66.3294 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 74.4533, 90.3029, 66.3294 by changing the saturation by 10% instead.


 74.4533, 90.3029,
66.3294

 74.4533, 90.3029,
66.3294


465.0626,
529.0157, 465.9903

 55.4577, 68.2319,
48.0817


124.5302,
147.7591, 115.5905

 40.0036, 50.0864,
33.5311


156.3423,
183.9130, 147.4409

 27.7256, 35.4821,
22.2592


193.1573,
225.5301, 184.6627

 18.2583, 24.0345,
13.8473

235.3404,
272.9946, 227.6743

 11.2364, 15.3592,
7.8770

283.2572,
326.6911, 276.8944

 6.2945, 9.0719,
3.9297

337.2729,

 3.0673, 4.7881,

387.0038, 332.7414

1.5869

397.7529,
454.3172, 395.6338

■ 1.1895, 2.1235,
0.2814

■ 0.0980, 0.6778,
0.0000

■ 74.4533, 90.3029,
66.3294

■ 74.4533, 90.3029,
66.3294

■ 67.0567, 86.7993,
51.9992

■ 82.8482, 94.2640,
83.2889

■ 60.6168, 83.7348,
40.1626

■ 92.2769, 98.6982,
102.9959

■ 55.0917, 81.0907,
30.6780

■ 95.0500, 100.0000,
108.9000

■ 50.4351, 78.8467,
23.3877

■ 46.5964, 76.9805,
18.1151

■ 43.5184, 75.4671,
14.6560

■ 41.1346, 74.2776,
12.7630

■ 39.7778, 73.5913,
12.1080

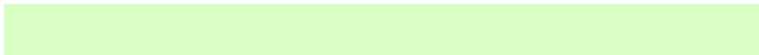
Harmonies

Analogous

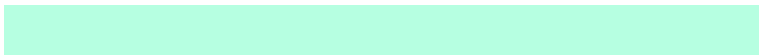
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9012, 90.3029, 57.3742



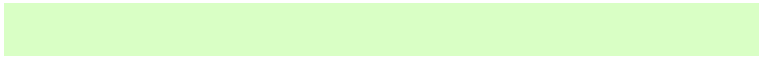
74.4533, 90.3029, 66.3294



70.2285, 90.3029, 84.6669

Triad

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



74.4533, 90.3029, 66.3294



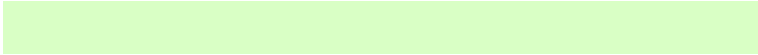
80.9185, 90.3029, 154.1555



103.8962, 90.3029, 87.3330

Complementary

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



74.4533, 90.3029, 66.3294



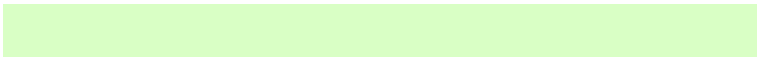
72.2781, 64.8159, 103.3090

Split Complementary

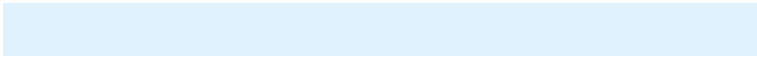
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.5867, 90.3029, 113.3771



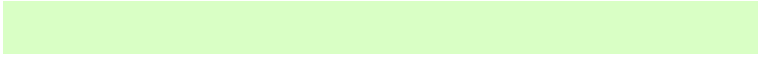
74.4533, 90.3029, 66.3294



89.8829, 90.3029, 155.2121

Square

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



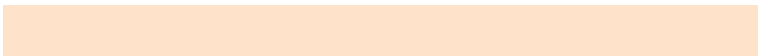
74.4533, 90.3029, 66.3294



73.7776, 90.3029, 136.5665



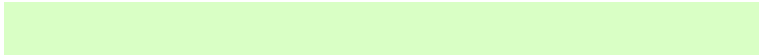
98.3108, 90.3029, 139.2405



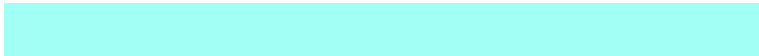
99.1288, 90.3029, 67.9845

Rectangle

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



74.4533, 90.3029, 66.3294



69.6105, 90.3029, 101.1879



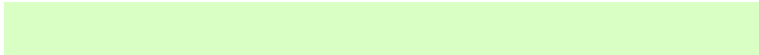
98.3108, 90.3029, 139.2405



104.3919, 90.3029, 95.5156

Sweetspot

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



74.4539, 90.3032, 66.3308



88.1355, 96.7522, 94.2655



80.9410, 84.5368, 64.8758



18.7422, 20.6514, 19.9205



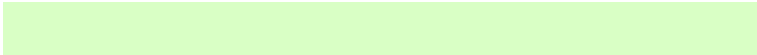
0.0000, 0.0000, 0.0000



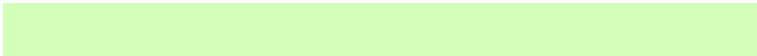
20.3446, 21.4041, 23.3091

Same Dimension

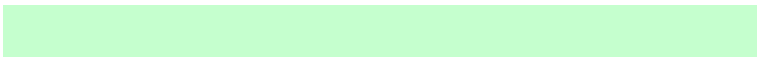
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4539, 90.3032, 66.3308



71.1862, 88.7572, 59.9180



69.8909, 87.8324, 71.4725



18.3621, 20.4726, 19.1281



20.9286, 38.5271, 6.3334



2.1498, 3.8090, 0.6219

Inverse Universe

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



72.2781, 64.8159, 103.3090



68.6792, 59.4331, 102.4597



77.8875, 67.8658, 96.4250



18.1489, 17.9685, 22.7617



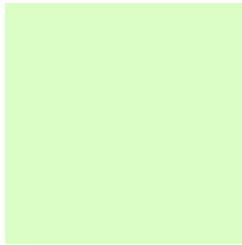
17.9333, 8.1554, 50.0635



1.8637, 0.8547, 4.8800

Previews

White Background



This preview shows how the XYZ color 74.4533, 90.3029, 66.3294 looks on a white background.

Color Contrast Check

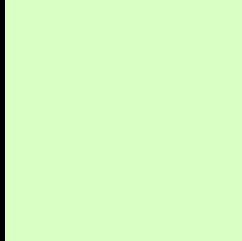
Large Text (above 18pt) WCAG AA × Fail

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 74.4533, 90.3029, 66.3294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

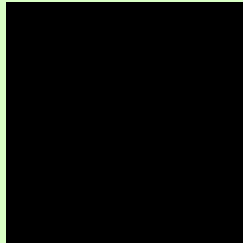
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

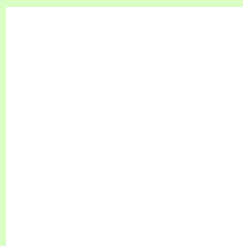
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4533, 90.3029, 66.3294

Background



This preview shows how black text looks on a background with the XYZ color 74.4533, 90.3029, 66.3294.



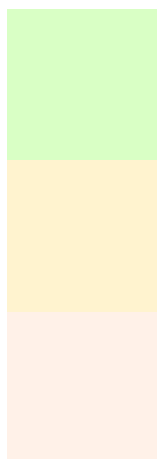
This preview shows how white text looks on a background with the XYZ color 74.4533, 90.3029,

66.3294.

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

74.4533, 90.3029, 66.3294

Protanopia

84.5531, 89.8662, 71.9210

Deuteranopia

87.2608, 89.9968, 89.1159



Tritanopia

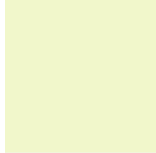
84.9634, 90.1870, 107.5375

Trichromacy



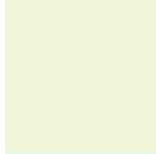
Original Color

74.4533, 90.3029, 66.3294



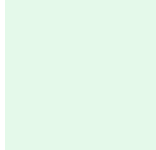
Protanomaly

80.3159, 89.5341, 69.5486



Deuteranomaly

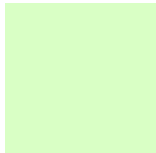
82.0176, 89.7268, 80.0140



Tritanomaly

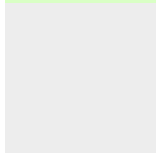
80.7219, 90.1859, 90.9950

Monochromacy



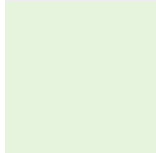
Original Color

74.4533, 90.3029, 66.3294



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1686, 86.7983, 81.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4533, 90.3029, 66.3294 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(217, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 197)  
}
```

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(217, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 74.4533, 90.3029, 66.3294 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(217, 255, 197) }
```


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

```
.border{ border-color:rgb(217, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 197); box-shadow:4px 4px 4px 4px rgb(217, 255, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4533, 90.3029, 66.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 197) }
```

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

```
.background{ background-color: rgb(217,  
255, 197) }
```

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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