

Converting Colors

XYZ(79.2029, 100.0000,
62.5074)

Have a look what the booklet for
XYZ(79.2029, 100.0000, 62.5074)
contains.

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Color

**XYZ(74.3523, 90.3665,
61.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFBC
RGB	220, 255, 188
RGB Percent	86%, 100%, 74%
CMY	0.1373, 0.0000, 0.2627
CMYK	0.14, 0.00, 0.26, 0.00
HSL	91°, 100%, 87%
HSV	91°, 26%, 100%
XYZ	74.3523, 90.3665, 61.1006
YIQ	236.8970, 0.6470, -28.2570

Conversions

Conversions Part 2

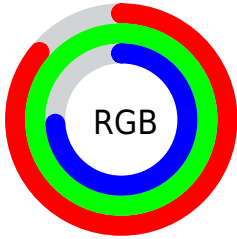
Format	Color
RYB	188, 255, 223
Decimal	14483388
CIELab	96.15, -22.70, 28.39
CIELCh	96, 36.350, 128.634
Yxy	90.3665, 0.3293, 0.4002
Android (android.graphics.Color)	4292673468 (0xFFDCFFBC)
YUV	236.8970, -24.1062, -14.8187
Hunter-Lab	95.0613, -26.7433, 28.4343

Details

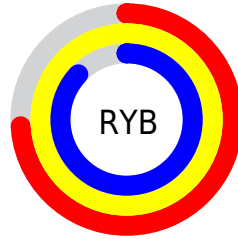
The XYZ color **74.3523, 90.3665, 61.1006** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.4656, 58.8756, 102.4688**, and the grayscale version is **80.5958, 84.7930, 92.3396**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.8070, 50.0019, 30.1075** is the 20% darker color. If you saturate the color by 10%, you get **67.9691, 87.3658, 47.6979**, and if you desaturate by 10%, it is **81.5435, 93.7275, 77.0790**.

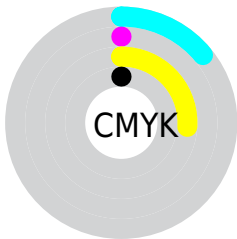
Distribution



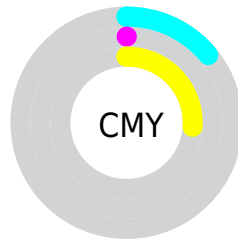
- Red (86%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3523, 90.3665, 61.1006 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 74.3523, 90.3665, 61.1006 by changing the saturation by 10% instead.


 74.3523, 90.3665,
61.1006

 74.3523, 90.3665,
61.1006


464.7199,
529.2223, 446.5595

 55.3747, 68.2847,
43.8753


 124.3879,
147.8474, 107.9835

 39.9369, 50.1294,
30.2360


156.1767,
184.0152, 138.4782

 27.6733, 35.5162,
19.7642


192.9665,
225.6471, 174.2331

 18.2187, 24.0608,
12.0414

235.1229,
273.1276, 215.6667

 11.2078, 15.3787,
6.6490

283.0110,
326.8409, 263.1977

 6.2751, 9.0856,
3.1685

336.9963,

 3.0553, 4.7971,

387.1716, 317.2444

1.1813

397.4442,
454.5039, 378.2255

■ 1.1831, 2.1287,
0.0000

■ 0.0929, 0.6807,
0.0000

■ 74.3523, 90.3665,
61.1006

■ 74.3523, 90.3665,
61.1006

■ 67.9691, 87.3658,
47.6979

■ 81.5435, 93.7275,
77.0790

■ 62.3594, 84.7109,
36.7319

■ 89.5723, 97.4614,
95.7541

■ 57.4881, 82.3866,
28.0566

95.0500, 100.0000,
108.9000

■ 53.3163, 80.3766,
21.5087

■ 49.8006, 78.6624,
16.9035

■ 46.8912, 77.2233,
14.0244

■ 44.5278, 76.0339,
12.6020

■ 43.7563, 75.6422,
12.2942

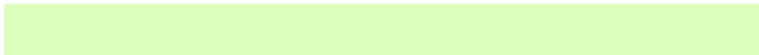
Harmonies

Analogous

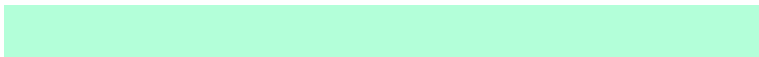
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0145, 90.3665, 53.0962



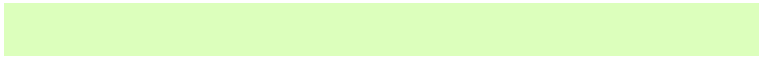
74.3523, 90.3665, 61.1006



69.0803, 90.3665, 79.5302

Triad

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



74.3523, 90.3665, 61.1006



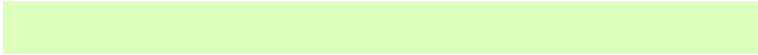
79.0232, 90.3665, 159.6470



106.5066, 90.3665, 90.2958

Complementary

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



74.3523, 90.3665, 61.1006



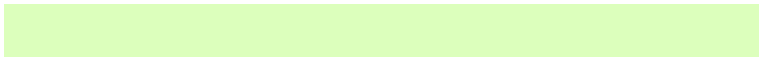
66.4656, 58.8756, 102.4688

Split Complementary

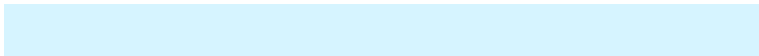
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.2282, 90.3665, 120.0266



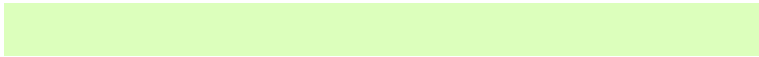
74.3523, 90.3665, 61.1006



88.8325, 90.3665, 164.0850

Square

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



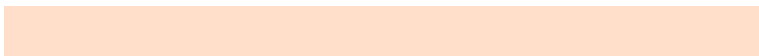
74.3523, 90.3665, 61.1006



71.6268, 90.3665, 137.2655



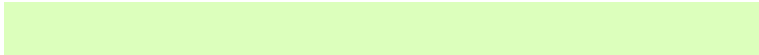
98.5649, 90.3665, 148.4178



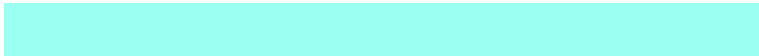
101.9326, 90.3665, 67.6550

Rectangle

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



74.3523, 90.3665, 61.1006



67.9398, 90.3665, 97.0772



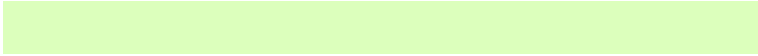
98.5649, 90.3665, 148.4178



106.7539, 90.3665, 99.7222

Sweetspot

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



74.3528, 90.3667, 61.1019



88.1251, 96.7896, 92.3322



76.6030, 77.4623, 58.4925



18.5969, 20.5936, 19.1391



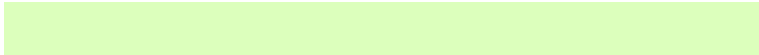
0.0000, 0.0000, 0.0000



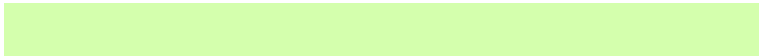
20.3446, 21.4041, 23.3091

Same Dimension

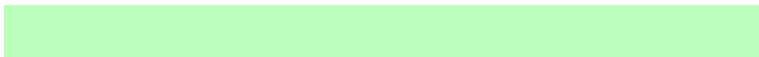
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3528, 90.3667, 61.1019



70.6005, 88.6051, 53.1199



65.6978, 85.8909, 61.3278



18.5969, 20.5936, 19.1391



23.0336, 39.6123, 6.4319



2.3679, 3.9215, 0.6321

Inverse Universe

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



66.4656, 58.8756, 102.4688



61.3974, 51.8639, 101.3825



77.0944, 64.3757, 102.0305



17.9085, 17.8446, 22.7504



14.6769, 6.4767, 49.9112



1.5552, 0.6957, 4.8656

Previews

White Background



This preview shows how the XYZ color 74.3523, 90.3665, 61.1006 looks on a white background.

Color Contrast Check

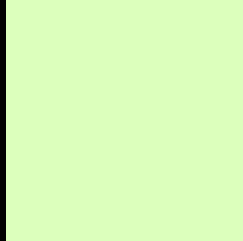
Large Text (above 18pt) WCAG AA × Fail

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 74.3523, 90.3665, 61.1006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

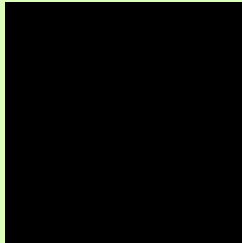
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

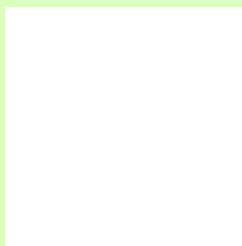
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3523, 90.3665, 61.1006

Background



This preview shows how black text looks on a background with the XYZ color 74.3523, 90.3665, 61.1006.



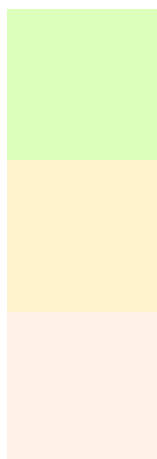
This preview shows how white text looks on a background with the XYZ color 74.3523, 90.3665,

61.1006.

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

74.3523, 90.3665, 61.1006

Protanopia

84.4312, 89.8174, 71.2790

Deuteranopia

87.1191, 89.9401, 88.3698



Tritanopia

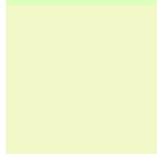
85.3257, 89.9259, 107.4680

Trichromacy



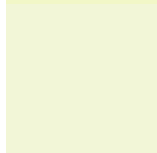
Original Color

74.3523, 90.3665, 61.1006



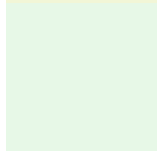
Protanomaly

80.1875, 89.5223, 67.0860



Deuteranomaly

81.8395, 89.6951, 77.2895



Tritanomaly

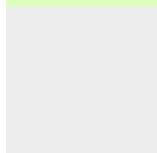
80.9462, 89.8932, 88.6861

Monochromacy



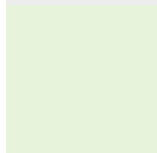
Original Color

74.3523, 90.3665, 61.1006



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.0919, 86.8048, 79.6569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3523, 90.3665, 61.1006 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(220, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 188)  
}
```

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(220, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 74.3523, 90.3665, 61.1006 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(220, 255, 188) }
```


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

```
.border{ border-color:rgb(220, 255, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3523, 90.3665, 61.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 188) }
```

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

```
.background{ background-color: rgb(220,  
255, 188) }
```

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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