

Converting Colors

XYZ(48.9052, 65.1743, 61.8594)

Have a look what the booklet for
XYZ(48.9052, 65.1743, 61.8594)
contains.

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Color

**XYZ(48.9214, 65.2666,
61.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE4C3
RGB	143, 228, 195
RGB Percent	56%, 89%, 76%
CMY	0.4392, 0.1059, 0.2353
CMYK	0.37, 0.00, 0.14, 0.11
HSL	157°, 61%, 73%
HSV	157°, 37%, 89%
XYZ	48.9214, 65.2666, 61.6490
YIQ	198.8230, -40.0670, -28.2830

Conversions

Conversions Part 2

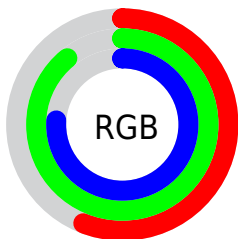
Format	Color
RYB	143, 196, 228
Decimal	9430211
CIELab	84.62, -33.01, 8.03
CIELCh	85, 33.969, 166.331
Yxy	65.2666, 0.2782, 0.3712
Android (android.graphics.Color)	4287620291 (0xFF8FE4C3)
YUV	198.8230, -1.8847, -48.9568
Hunter-Lab	80.7877, -33.2870, 11.3073

Details

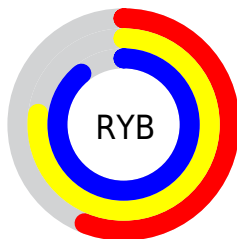
The XYZ color **48.9214, 65.2666, 61.6490** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **49.6560, 39.2751, 46.0405**, and the grayscale version is **54.2080, 57.0311, 62.1068**.

A 20% lighter version of the original color is **76.8839, 90.6904, 105.5482**, and **23.5847, 33.5028, 30.4230** is the 20% darker color. If you saturate the color by 10%, you get **44.3972, 63.0482, 56.3672**, and if you desaturate by 10%, it is **54.3107, 67.9275, 67.2839**.

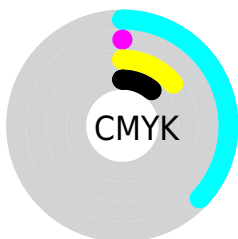
Distribution



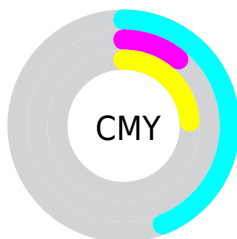
- Red (56%)
- Green (89%)
- Blue (76%)



- Red (56%)
- Yellow (77%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)





- Cyan (44%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9214, 65.2666, 61.6490 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 48.9214, 65.2666, 61.6490 by changing the saturation by 10% instead.


 48.9214, 65.2666,
61.6490


 48.9214, 65.2666,
61.6490


372.9549,
443.7494, 448.6219

 34.7714, 47.6773,
44.3152


 87.7761, 112.4331,
108.7847

 23.6525, 33.5714,
30.5794


 113.2116,
142.7790, 139.4238

 15.1994, 22.5645,
20.0230


143.1396,
178.1459, 175.3349

 9.0467, 14.2723,
12.2275

177.9254,
218.9183, 216.9368

 4.8290, 8.3103,
6.7744

217.9345,
265.4804, 264.6479

 2.1810, 4.2941,
3.2451

263.5323,

 0.7327, 1.8394,

318.2167, 318.8867

1.2211

315.0839,
377.5115, 380.0719

■ 0.0000, 0.5116,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.9214, 65.2666,
61.6490

■ 48.9214, 65.2666,
61.6490

■ 44.3972, 63.0482,
56.3672

■ 54.3107, 67.9275,
67.2839

■ 40.6827, 61.2389,
51.4264

■ 60.6056, 71.0465,
73.2748

■ 37.7245, 59.8128,
46.8200

■ 67.8501, 74.6481,
79.6302

■ 35.4601, 58.7378,
42.5395

■ 76.0841, 78.7525,
86.3569

■ 33.8161, 57.9763,
38.5757

■ 84.6036, 82.9968,
93.4268

■ 32.6962, 57.4788,
34.9181

■ 85.9459, 83.5337,
100.4953

■ 32.4400, 57.3674,
33.9737

■ 87.0346, 83.9692,
106.2282

Harmonies

Analogous

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



52.0766, 65.2666, 45.9616



48.9214, 65.2666, 61.6490



49.0712, 65.2666, 83.4603

Triad

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



48.9214, 65.2666, 61.6490



66.2234, 65.2666, 119.1232



72.6526, 65.2666, 44.9436

Complementary

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



48.9214, 65.2666, 61.6490



49.6560, 39.2751, 46.0405

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.



77.0994, 65.2666, 59.9607



48.9214, 65.2666, 61.6490



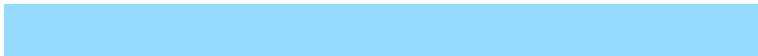
73.1859, 65.2666, 103.9609

Square

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



48.9214, 65.2666, 61.6490



58.6529, 65.2666, 119.8329



77.3022, 65.2666, 81.3924



65.5425, 65.2666, 37.7301

Rectangle

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



48.9214, 65.2666, 61.6490



51.0168, 65.2666, 98.7755



77.3022, 65.2666, 81.3924



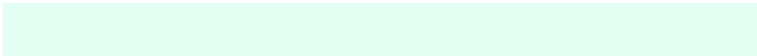
74.5329, 65.2666, 49.0909

Sweetspot

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



48.9232, 65.2693, 61.6505



83.7685, 94.3811, 99.4774



50.8349, 66.8199, 36.2058



17.6554, 20.0649, 21.0523



0.0000, 0.0000, 0.0000



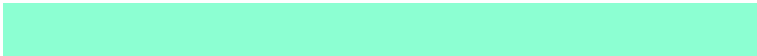
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9232, 65.2693, 61.6505



58.3061, 81.7927, 73.9800



50.7955, 62.3680, 82.7630



14.5579, 16.2366, 17.2028



18.7910, 33.1485, 19.9313



1.4338, 2.4676, 1.7108

Inverse Universe

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



49.6560, 39.2751, 46.0405



59.3908, 43.5838, 51.0719



48.1020, 40.7732, 31.3223



14.6075, 14.4602, 16.1334



19.5587, 9.9577, 6.5710



1.4897, 0.7536, 0.7195

Previews

White Background



This preview shows how the XYZ color 48.9214, 65.2666, 61.6490 looks on a white background.

Color Contrast Check

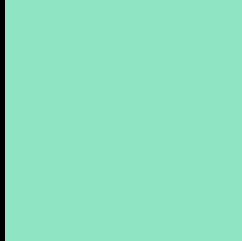
Large Text (above 18pt) WCAG AA × Fail

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 48.9214, 65.2666, 61.6490 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 48.9214, 65.2666, 61.6490

Background



This preview shows how black text looks on a background with the XYZ color 48.9214, 65.2666, 61.6490.



This preview shows how white text looks on a background with the XYZ color 48.9214, 65.2666, 61.6490.

61.6490.

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

48.9214, 65.2666, 61.6490

Protanopia

61.3187, 64.8116, 55.1770

Deuteranopia

65.7129, 64.3744, 63.6056



Tritanopia

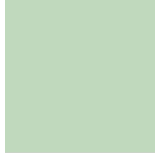
54.9863, 65.3061, 92.1453

Trichromacy



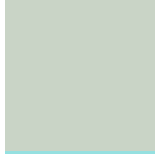
Original Color

48.9214, 65.2666, 61.6490



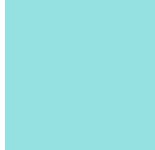
Protanomaly

55.7364, 64.5063, 57.6575



Deuteranomaly

57.8239, 63.5817, 62.6509



Tritanomaly

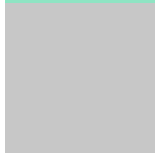
52.5046, 65.0827, 80.3159

Monochromacy



Original Color

48.9214, 65.2666, 61.6490



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.8300, 59.7541, 62.2280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9214, 65.2666, 61.6490 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(143, 228, 195)` looks like.

```
.text, #text, p{  
    color:rgb(143, 228, 195)  
}
```

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(143, 228, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 228, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.9214, 65.2666, 61.6490 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(143, 228, 195) }
```


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

```
.border{ border-color:rgb(143, 228, 195) }
```

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

Here you see how a box with a 4 pixel rgb(143, 228, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 228, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 228, 195);  
box-shadow:4px 4px 4px 4px rgb(143, 228,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9214, 65.2666, 61.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 228, 195) }
```

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

```
.background{ background-color: rgb(143,  
228, 195) }
```

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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