

Converting Colors

XYZ(52.3133, 66.5108, 65.5548)

Have a look what the booklet for
XYZ(52.3133, 66.5108, 65.5548)
contains.

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Color

**XYZ(52.3098, 66.5261,
65.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE3C9
RGB	159, 227, 201
RGB Percent	62%, 89%, 79%
CMY	0.3765, 0.1098, 0.2118
CMYK	0.30, 0.00, 0.11, 0.11
HSL	157°, 55%, 76%
HSV	157°, 30%, 89%
XYZ	52.3098, 66.5261, 65.3422
YIQ	203.7040, -32.1820, -22.5020

Conversions

Conversions Part 2

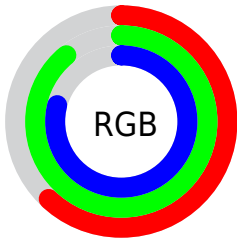
Format	Color
RYB	159, 201, 227
Decimal	10478537
CIELab	85.26, -26.73, 5.90
CIELCh	85, 27.376, 167.563
Yxy	66.5261, 0.2840, 0.3612
Android (android.graphics.Color)	4288668617 (0xFF9FE3C9)
YUV	203.7040, -1.3331, -39.2054
Hunter-Lab	81.5635, -28.2573, 9.5961

Details

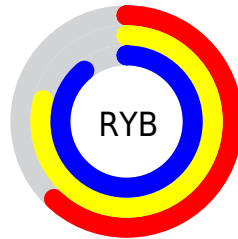
The XYZ color **52.3098, 66.5261, 65.3422** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.8359, 44.6317, 51.7317**, and the grayscale version is **57.2319, 60.2124, 65.5713**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **25.6551, 34.2357, 32.8597** is the 20% darker color. If you saturate the color by 10%, you get **47.2228, 64.0201, 59.9245**, and if you desaturate by 10%, it is **58.2848, 69.4868, 71.1056**.

Distribution



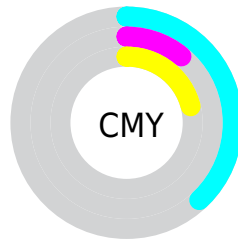
- Red (62%)
- Green (89%)
- Blue (79%)



- Red (62%)
- Yellow (79%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (38%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3098, 66.5261, 65.3422 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 52.3098, 66.5261, 65.3422 by changing the saturation by 10% instead.


 52.3098, 66.5261,
65.3422


 52.3098, 66.5261,
65.3422


385.9358,
448.2560, 462.3605

 37.4773, 48.6996,
47.2855


 92.7595, 114.2411,
114.1597

 25.7527, 34.3812,
32.9055


 119.1074,
144.8984, 145.7575

 16.7704, 23.1866,
21.7835


150.0246,
180.6014, 182.7062

 10.1652, 14.7314,
13.5011

185.8763,
221.7345, 225.4242

 5.5717, 8.6311,
7.6397

227.0279,
268.6822, 274.3301

 2.6246, 4.5013,
3.7809

273.8448,

 0.9585, 1.9578,

321.8287, 329.8424

1.5059

326.6923,
381.5585, 392.3797

■ 0.0000, 0.5828,
0.2223

■ 0.0000, 0.0000,
0.0000

■ 52.3098, 66.5261,
65.3422

■ 52.3098, 66.5261,
65.3422

■ 47.2228, 64.0201,
59.9245

■ 58.2848, 69.4868,
71.1056

■ 42.9722, 61.9369,
54.8408

■ 65.1851, 72.9159,
77.2170

■ 39.5090, 60.2533,
50.0852

■ 73.0525, 76.8367,
83.6844

■ 36.7769, 58.9402,
45.6500

■ 81.9245, 81.2684,
90.5141

■ 34.7119, 57.9647,
41.5268

■ 85.1006, 82.7567,
97.3972

■ 33.2375, 57.2877,
37.7065

■ 86.4531, 83.2976,
104.5192

■ 32.2229, 56.8417,
34.1773

■ 86.7603, 83.4205,
106.1368

■ 32.2188, 56.8399,
34.1625

Harmonies

Analogous

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



54.8506, 66.5261, 51.7902



52.3098, 66.5261, 65.3422



52.5529, 66.5261, 83.2115

Triad

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



52.3098, 66.5261, 65.3422



66.8895, 66.5261, 110.0193



71.6039, 66.5261, 50.0864

Complementary

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



52.3098, 66.5261, 65.3422



52.8359, 44.6317, 51.7317

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.



75.2658, 66.5261, 62.6327



52.3098, 66.5261, 65.3422



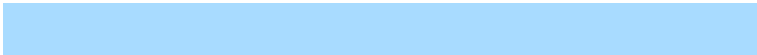
72.4244, 66.5261, 97.9464

Square

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



52.3098, 66.5261, 65.3422



60.7031, 66.5261, 111.0646



75.5755, 66.5261, 80.0247



65.8282, 66.5261, 43.9965

Rectangle

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



52.3098, 66.5261, 65.3422



54.2612, 66.5261, 95.2568



75.5755, 66.5261, 80.0247



73.1387, 66.5261, 53.5856

Sweetspot

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



52.3117, 66.5288, 65.3437



85.7240, 95.3518, 101.2561



53.7529, 67.7668, 43.0492



18.0468, 20.2591, 21.4162



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.



52.3117, 66.5288, 65.3437



63.8100, 84.4895, 80.5841



53.5143, 63.6174, 82.1350



14.5616, 16.2381, 17.2222



18.8479, 33.1713, 20.2313



1.4378, 2.4692, 1.7319

Inverse Universe

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



52.8359, 44.6317, 51.7317



64.6007, 51.6167, 60.1673



51.7451, 46.4489, 39.0403



14.6039, 14.4587, 16.1146



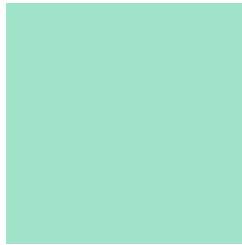
19.5262, 9.9447, 6.4000



1.4871, 0.7526, 0.7057

Previews

White Background



This preview shows how the XYZ color 52.3098, 66.5261, 65.3422 looks on a white background.

Color Contrast Check

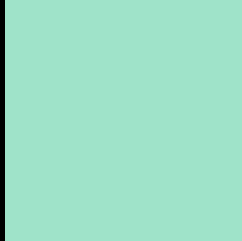
Large Text (above 18pt) WCAG AA × Fail

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 52.3098, 66.5261, 65.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

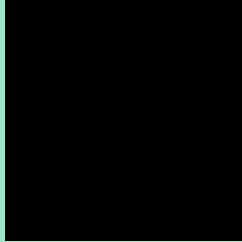
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

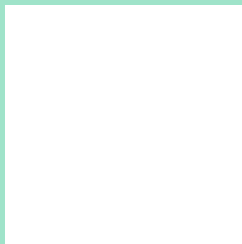
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3098, 66.5261, 65.3422

Background



This preview shows how black text looks on a background with the XYZ color 52.3098, 66.5261, 65.3422.



This preview shows how white text looks on a background with the XYZ color 52.3098, 66.5261,

65.3422.

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

52.3098, 66.5261, 65.3422

Protanopia

62.7387, 65.8109, 59.8482

Deuteranopia

67.2328, 65.7810, 67.5460



Tritanopia

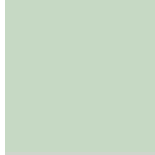
57.3728, 66.1604, 91.4077

Trichromacy



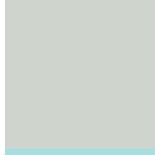
Original Color

52.3098, 66.5261, 65.3422



Protanomaly

58.0654, 65.6170, 61.8295



Deuteranomaly

60.4255, 65.2135, 66.5294



Tritanomaly

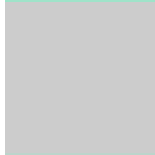
55.2881, 66.1041, 81.0795

Monochromacy



Original Color

52.3098, 66.5261, 65.3422



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.0620, 62.0901, 65.5824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3098, 66.5261, 65.3422 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(159, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(159, 227, 201)  
}
```

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(159, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 227, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.3098, 66.5261, 65.3422 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(159, 227, 201) }
```


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

```
.border{ border-color:rgb(159, 227, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 227, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 227, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 227, 201); box-shadow:4px 4px 4px 4px rgb(159, 227, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3098, 66.5261, 65.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 227, 201) }
```

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

```
.background{ background-color: rgb(159,  
227, 201) }
```

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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