

Converting Colors

XYZ(52.5211, 63.8230, 66.0508)

Have a look what the booklet for
XYZ(52.5211, 63.8230, 66.0508)
contains.

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Color

**XYZ(52.5211, 63.8230,
66.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DCCB
RGB	168, 220, 203
RGB Percent	66%, 86%, 80%
CMY	0.3412, 0.1372, 0.2039
CMYK	0.24, 0.00, 0.08, 0.14
HSL	160°, 43%, 76%
HSV	160°, 24%, 86%
XYZ	52.5211, 63.8230, 66.0508
YIQ	202.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

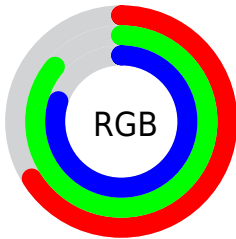
Format	Color
RYB	168, 199, 220
Decimal	11066571
CIELab	83.87, -20.19, 2.89
CIELCh	84, 20.395, 171.851
Yxy	63.8230, 0.2880, 0.3499
Android (android.graphics.Color)	4289256651 (0xFFA8DCCB)
YUV	202.5140, 0.2396, -30.2688
Hunter-Lab	79.8893, -22.4562, 6.9028

Details

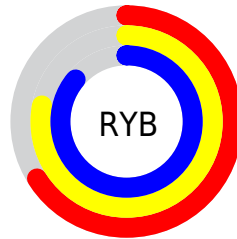
The XYZ color **52.5211, 63.8230, 66.0508** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2770, 46.7253, 52.1652**, and the grayscale version is **56.4715, 59.4125, 64.7002**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **25.9502, 32.7250, 33.3826** is the 20% darker color. If you saturate the color by 10%, you get **47.3907, 61.2766, 61.4400**, and if you desaturate by 10%, it is **58.4873, 66.7990, 70.9110**.

Distribution



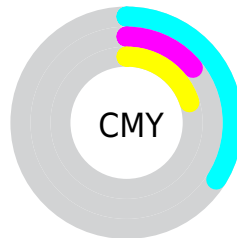
- Red (66%)
- Green (86%)
- Blue (80%)



- Red (66%)
- Yellow (78%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (34%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5211, 63.8230, 66.0508 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 52.5211, 63.8230, 66.0508 by changing the saturation by 10% instead.

■ 52.5211, 63.8230,
66.0508

■ 52.5211, 63.8230,
66.0508

386.7361,
438.5502, 464.9677

■ 37.6465, 46.5073,
47.8569

■ 93.0690, 110.3560,
115.1869

■ 25.8844, 32.6464,
33.3544

■ 119.4730,
140.3421, 146.9663

■ 16.8694, 21.8557,
22.1247

150.4509,
175.3205, 184.1111

■ 10.2362, 13.7509,
13.7494

186.3681,
215.6755, 227.0401

■ 5.6193, 7.9476,
7.8098

227.5898,
261.7916, 276.1717

■ 2.6534, 4.0614,
3.8875

274.4815,

■ 0.9733, 1.7080,

314.0532, 331.9245

1.5638

327.4084,
372.8445, 394.7170

■ 0.0000, 0.4288,
0.2648

■ 0.0000, 0.0000,
0.0000

■ 52.5211, 63.8230,
66.0508

■ 52.5211, 63.8230,
66.0508

■ 47.3907, 61.2766,
61.4400

■ 58.4873, 66.7990,
70.9110

■ 43.0502, 59.1313,
57.0698

■ 65.3215, 70.2162,
76.0210

■ 39.4578, 57.3671,
52.9366

■ 73.0607, 74.0951,
81.3863

■ 36.5649, 55.9591,
49.0352

■ 81.3679, 78.2621,
86.9939

■ 34.3176, 54.8796,
45.3603

■ 82.4096, 78.6788,
92.4797

■ 32.6532, 54.0963,
41.9058

■ 83.4937, 79.1125,
98.1884

■ 31.4962, 53.5704,
38.6651

■ 84.6206, 79.5632,
104.1223

■ 30.9453, 53.3291,
36.7092

■ 84.8844, 79.6687,
105.5115

Harmonies

Analogous

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



54.1311, 63.8230, 55.3285



52.5211, 63.8230, 66.0508



53.0062, 63.8230, 79.0938

Triad

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



52.5211, 63.8230, 66.0508



63.9278, 63.8230, 95.0223



66.1450, 63.8230, 51.8268

Complementary

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



52.5211, 63.8230, 66.0508



52.2770, 46.7253, 52.1652

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.



69.0213, 63.8230, 60.7013



52.5211, 63.8230, 66.0508



67.6979, 63.8230, 85.8881

Square

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



52.5211, 63.8230, 66.0508



59.4479, 63.8230, 96.9131



69.6031, 63.8230, 73.0515



61.8922, 63.8230, 47.8033

Rectangle

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



52.5211, 63.8230, 66.0508



54.4636, 63.8230, 87.3031



69.6031, 63.8230, 73.0515



67.3134, 63.8230, 54.2854

Sweetspot

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



52.5229, 63.8256, 66.0522



87.8596, 96.4001, 103.7329



52.7512, 64.3721, 46.6915



18.6791, 20.5704, 22.1095



0.0000, 0.0000, 0.0000



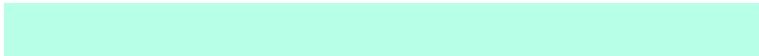
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5229, 63.8256, 66.0522



69.9480, 87.4676, 89.2835



52.4459, 60.2489, 76.5782



13.2544, 14.7534, 15.8025



18.2139, 31.3182, 21.8238



1.2190, 2.0445, 1.6193

Inverse Universe

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



52.2770, 46.7253, 52.1652



69.5533, 59.8773, 66.8879



52.2414, 49.3572, 43.8202



13.2307, 13.1214, 14.4761



18.0531, 9.2223, 4.6597



1.2085, 0.6130, 0.5069

Previews

White Background



This preview shows how the XYZ color 52.5211, 63.8230, 66.0508 looks on a white background.

Color Contrast Check

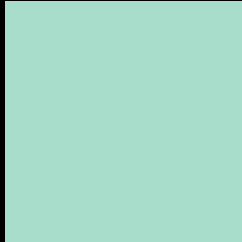
Large Text (above 18pt) WCAG AA × Fail

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 52.5211, 63.8230, 66.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

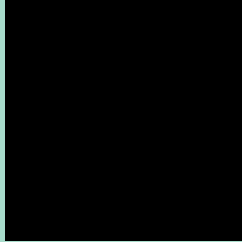
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

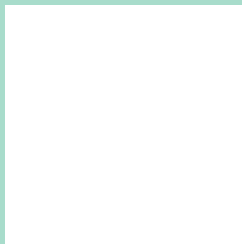
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5211, 63.8230, 66.0508

Background



This preview shows how black text looks on a background with the XYZ color 52.5211, 63.8230, 66.0508.

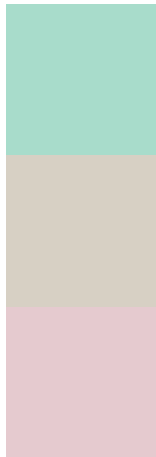


This preview shows how white text looks on a background with the XYZ color 52.5211, 63.8230,

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

52.5211, 63.8230, 66.0508

Protanopia

60.5440, 63.5443, 61.2988

Deuteranopia

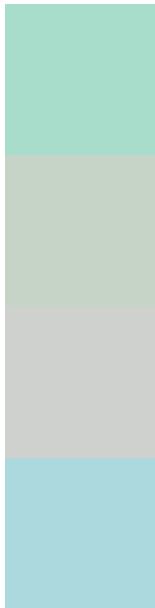
64.6961, 63.4041, 67.8598



Tritanopia

56.7194, 63.9936, 86.4534

Trichromacy



Original Color

52.5211, 63.8230, 66.0508

Protanomaly

57.1410, 63.2163, 63.2231

Deuteranomaly

59.6732, 63.3226, 67.4699

Tritanomaly

55.0109, 63.6703, 78.4975

Monochromacy



Original Color

52.5211, 63.8230, 66.0508

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.8152, 60.8599, 65.3580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5211, 63.8230, 66.0508 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(168, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(168, 220, 203)  
}
```

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(168, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 220, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.5211, 63.8230, 66.0508 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(168, 220, 203) }
```


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

```
.border{ border-color:rgb(168, 220, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(168, 220,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5211, 63.8230, 66.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 220, 203) }
```

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

```
.background{ background-color: rgb(168,  
220, 203) }
```

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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