

Converting Colors

XYZ(52.6017, 64.7568, 64.9925)

Have a look what the booklet for
XYZ(52.6017, 64.7568, 64.9925)
contains.

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Color

**XYZ(52.6002, 64.6751,
64.9696)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DEC9
RGB	167, 222, 201
RGB Percent	65%, 87%, 79%
CMY	0.3451, 0.1294, 0.2118
CMYK	0.25, 0.00, 0.09, 0.13
HSL	157°, 45%, 76%
HSV	157°, 25%, 87%
XYZ	52.6002, 64.6751, 64.9696
YIQ	203.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

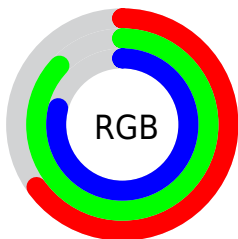
Format	Color
RYB	167, 201, 222
Decimal	11001545
CIELab	84.32, -21.89, 4.58
CIELCh	84, 22.365, 168.176
Yxy	64.6751, 0.2886, 0.3549
Android (android.graphics.Color)	4289191625 (0xFFA7DEC9)
YUV	203.1610, -1.0654, -31.7132
Hunter-Lab	80.4208, -23.9864, 8.3960

Details

The XYZ color **52.6002, 64.6751, 64.9696** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0222, 46.7994, 53.8181**, and the grayscale version is **56.8855, 59.8480, 65.1744**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **26.0246, 33.3214, 32.6638** is the 20% darker color. If you saturate the color by 10%, you get **47.3372, 62.0757, 59.6613**, and if you desaturate by 10%, it is **58.7270, 67.7169, 70.6084**.

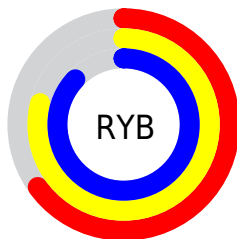
Distribution



Red (65%)

Green (87%)

Blue (79%)



Red (65%)

Yellow (79%)

Blue (87%)

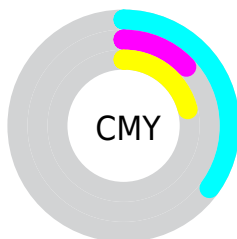


Cyan (25%)

Magenta (0%)

Yellow (9%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6002, 64.6751, 64.9696 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 52.6002, 64.6751, 64.9696 by changing the saturation by 10% instead.

■ 52.6002, 64.6751,
64.9696

■ 52.6002, 64.6751,
64.9696

387.0354,
441.6235, 460.9859

■ 37.7099, 47.1977,
46.9852

■ 93.1848, 111.5826,
113.6190

■ 25.9338, 33.1920,
32.6697

■ 119.6098,
141.7815, 145.1211

■ 16.9065, 22.2735,
21.6045

150.6105,
176.9897, 181.9663

■ 10.2628, 14.0580,
13.3711

186.5521,
217.5915, 224.5730

■ 5.6371, 8.1610,
7.5508

227.8000,
263.9714, 273.3597

■ 2.6643, 4.1982,
3.7253

274.7196,

■ 0.9788, 1.7850,

316.5138, 328.7451

1.4759

327.6763,
375.6030, 391.1477

■ 0.0000, 0.4778,
0.1999

■ 0.0000, 0.0000,
0.0000

■ 52.6002, 64.6751,
64.9696

■ 52.6002, 64.6751,
64.9696

■ 47.3372, 62.0757,
59.6613

■ 58.7270, 67.7169,
70.6084

■ 42.8906, 59.8892,
54.6726

■ 65.7511, 71.2131,
76.5797

■ 39.2164, 58.0948,
49.9981

■ 73.7110, 75.1851,
82.8909

■ 36.2644, 56.6666,
45.6306

■ 82.3450, 79.4980,
89.5342

■ 33.9780, 55.5756,
41.5626

■ 83.5988, 79.9995,
96.1368

■ 32.2917, 54.7881,
37.7858

■ 84.9118, 80.5247,
103.0509

■ 31.1256, 54.2631,
34.2913

■ 85.4125, 80.7250,
105.6875

■ 30.6545, 54.0578,
32.5729

Harmonies

Analogous

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



54.6341, 64.6751, 53.7291



52.6002, 64.6751, 64.9696



52.8471, 64.6751, 79.2900

Triad

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



52.6002, 64.6751, 64.9696



64.4955, 64.6751, 99.6943



68.0544, 64.6751, 51.9616

Complementary

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



52.6002, 64.6751, 64.9696



53.0222, 46.7994, 53.8181

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.



70.9871, 64.6751, 62.2378



52.6002, 64.6751, 64.9696



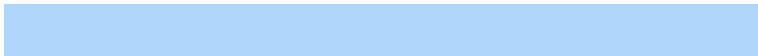
68.8574, 64.6751, 90.2529

Square

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



52.6002, 64.6751, 64.9696



59.5379, 64.6751, 100.6853



71.2886, 64.6751, 76.1674



63.4470, 64.6751, 46.9233

Rectangle

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



52.6002, 64.6751, 64.9696



54.2740, 64.6751, 88.6902



71.2886, 64.6751, 76.1674



69.2792, 64.6751, 54.8491

Sweetspot

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



52.6020, 64.6778, 64.9711



87.7070, 96.3391, 102.9293



53.8580, 65.7374, 46.4100



18.6438, 20.5562, 21.9232



0.0000, 0.0000, 0.0000



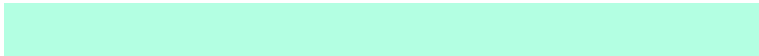
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6020, 64.6778, 64.9711



67.9335, 86.5236, 84.9197



53.5725, 62.3905, 78.3294



13.8831, 15.4790, 16.4199



18.2631, 32.1301, 19.6405



1.3091, 2.2444, 1.5891

Inverse Universe

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



53.0222, 46.7994, 53.8181



68.6098, 57.8400, 67.0367



52.1248, 48.3684, 43.1488



13.9227, 13.7867, 15.3632



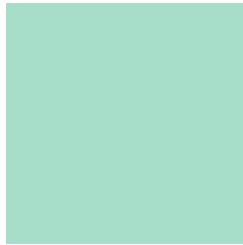
18.9119, 9.6318, 6.2019



1.3536, 0.6847, 0.6548

Previews

White Background



This preview shows how the XYZ color 52.6002, 64.6751, 64.9696 looks on a white background.

Color Contrast Check

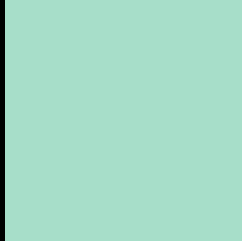
Large Text (above 18pt) WCAG AA × Fail

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 52.6002, 64.6751, 64.9696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

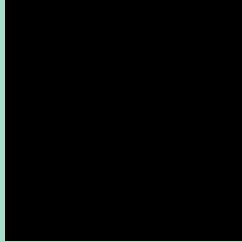
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

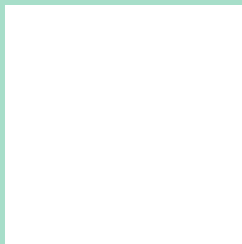
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6002, 64.6751, 64.9696

Background



This preview shows how black text looks on a background with the XYZ color 52.6002, 64.6751, 64.9696.



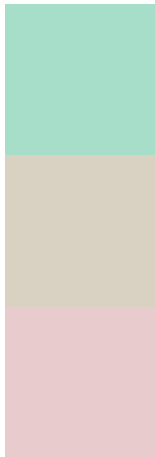
This preview shows how white text looks on a background with the XYZ color 52.6002, 64.6751,

64.9696.

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

52.6002, 64.6751, 64.9696

Protanopia

61.1533, 64.2477, 60.2169

Deuteranopia

65.6541, 64.2755, 66.7037



Tritanopia

57.1197, 64.5649, 87.2936

Trichromacy



Original Color

52.6002, 64.6751, 64.9696

Protanomaly

57.6778, 64.2665, 62.1880

Deuteranomaly

59.9581, 63.8627, 66.2933

Tritanomaly

55.3109, 64.5949, 78.6601

Monochromacy



Original Color

52.6002, 64.6751, 64.9696

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9425, 61.3046, 64.8143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6002, 64.6751, 64.9696 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(167, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 222, 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(167, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 222, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.6002, 64.6751, 64.9696 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(167, 222, 201) }
```


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

```
.border{ border-color:rgb(167, 222, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 222, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 222,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6002, 64.6751, 64.9696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 222, 201) }
```

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

```
.background{ background-color: rgb(167,  
222, 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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