

Converting Colors

XYZ(52.1092, 66.1750, 58.1726)

Have a look what the booklet for
XYZ(52.1092, 66.1750, 58.1726)
contains.

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Color

**XYZ(52.1075, 66.1738,
58.1706)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E2BD
RGB	166, 226, 189
RGB Percent	65%, 89%, 74%
CMY	0.3490, 0.1137, 0.2588
CMYK	0.27, 0.00, 0.16, 0.11
HSL	143°, 51%, 77%
HSV	143°, 27%, 89%
XYZ	52.1075, 66.1738, 58.1706
YIQ	203.8420, -23.8830, -24.2270

Conversions

Conversions Part 2

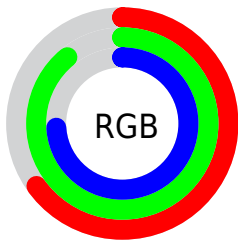
Format	Color
RYB	166, 209, 226
Decimal	10937021
CIELab	85.08, -26.49, 12.00
CIElCh	85, 29.082, 155.631
Yxy	66.1738, 0.2953, 0.3750
Android (android.graphics.Color)	4289127101 (0xFFA6E2BD)
YUV	203.8420, -7.3171, -33.1874
Hunter-Lab	81.3473, -28.0185, 14.5454

Details

The XYZ color **52.1075, 66.1738, 58.1706** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.7819, 47.7545, 62.7800**, and the grayscale version is **57.3517, 60.3384, 65.7086**.

A 20% lighter version of the original color is **82.3656, 93.6422, 100.1198**, and **25.6287, 34.0377, 28.5117** is the 20% darker color. If you saturate the color by 10%, you get **46.3391, 63.3684, 50.3797**, and if you desaturate by 10%, it is **58.8575, 69.4721, 66.7692**.

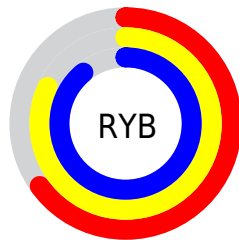
Distribution



Red (65%)

Green (89%)

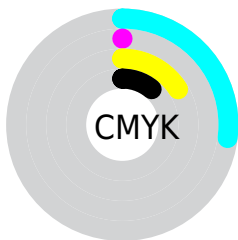
Blue (74%)



Red (65%)

Yellow (82%)

Blue (89%)

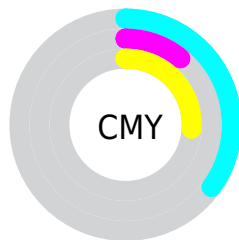


Cyan (27%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (35%)


Magenta (11%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1075, 66.1738, 58.1706 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 52.1075, 66.1738, 58.1706 by changing the saturation by 10% instead.

 52.1075, 66.1738,
58.1706


 52.1075, 66.1738,
58.1706

385.1686,
446.9982, 435.4373

 37.3154, 48.4135,
41.5302


 92.4630, 113.7357,
103.6885

 25.6266, 34.1545,
28.4108


 118.7572,
144.3062, 133.4031

 16.6757, 23.0123,
18.3938


149.6161,
179.9155, 168.3128

 10.0974, 14.6026,
11.0607

185.4050,
220.9480, 208.8362

 5.5264, 8.5409,
5.9930

226.4894,
267.7881, 255.3918

 2.5972, 4.4430,
2.7721

273.2345,

 0.9445, 1.9243,

320.8203, 308.3981

0.9795

326.0058,
380.4288, 368.2738

■ 0.0000, 0.5629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1075, 66.1738,
58.1706

■ 52.1075, 66.1738,
58.1706

■ 46.3391, 63.3684,
50.3797

■ 58.8575, 69.4721,
66.7692

■ 41.4991, 61.0235,
43.3686

■ 66.6279, 73.2773,
76.1936

■ 37.5376, 59.1156,
37.1141

■ 75.4621, 77.6133,
86.4669

■ 34.3975, 57.6158,
31.5900

■ 84.8810, 82.2326,
97.5857

■ 32.0145, 56.4916,
26.7689

■ 86.4876, 82.8752,
106.0459

■ 30.3140, 55.7050,
22.6212

■ 29.2026, 55.2085,
19.1148

■ 28.9029, 55.0773,
18.0459

Harmonies

Analogous

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



55.8410, 66.1738, 46.5320



52.1075, 66.1738, 58.1706



51.1769, 66.1738, 75.6491

Triad

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



52.1075, 66.1738, 58.1706



64.1400, 66.1738, 114.2373



73.6980, 66.1738, 53.0163

Complementary

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



52.1075, 66.1738, 58.1706



55.7819, 47.7545, 62.7800

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.



76.2805, 66.1738, 68.5708



52.1075, 66.1738, 58.1706



70.5220, 66.1738, 105.5241

Square

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



52.1075, 66.1738, 58.1706



57.8414, 66.1738, 110.1541



75.0799, 66.1738, 87.9828



68.2372, 66.1738, 43.9378

Rectangle

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



52.1075, 66.1738, 58.1706



52.2109, 66.1738, 88.8074



75.0799, 66.1738, 87.9828



74.9481, 66.1738, 57.5489

Sweetspot

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



52.1093, 66.1766, 58.1721



85.9792, 95.5502, 98.2468



58.9835, 69.9863, 46.4770



18.0597, 20.2834, 20.6174



0.0000, 0.0000, 0.0000



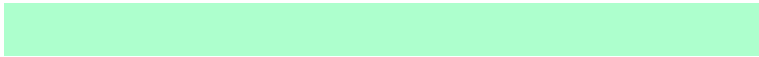
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1093, 66.1766, 58.1721



64.0629, 84.8422, 70.5543



55.5792, 67.5645, 76.4444



13.7451, 15.4238, 15.6931



16.5421, 31.4417, 10.5775



1.1894, 2.1965, 0.9584

Inverse Universe

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



55.7819, 47.7545, 62.7800



69.6771, 56.6675, 77.5884



52.6421, 46.4985, 46.2459



14.0607, 13.8419, 16.0899



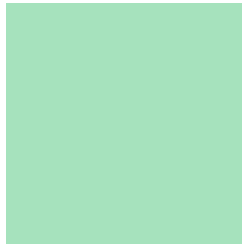
20.6269, 10.3178, 15.2330



1.4730, 0.7325, 1.2839

Previews

White Background



This preview shows how the XYZ color 52.1075, 66.1738, 58.1706 looks on a white background.

Color Contrast Check

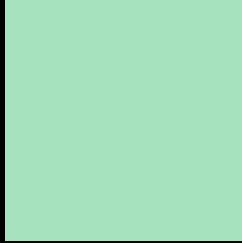
Large Text (above 18pt) WCAG AA × Fail

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 52.1075, 66.1738, 58.1706 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

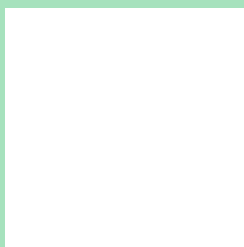
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1075, 66.1738, 58.1706

Background



This preview shows how black text looks on a background with the XYZ color 52.1075, 66.1738, 58.1706.



This preview shows how white text looks on a background with the XYZ color 52.1075, 66.1738,

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

52.1075, 66.1738, 58.1706

Protanopia

61.7590, 65.4543, 53.0950

Deuteranopia

66.9271, 65.4315, 60.1410



Tritanopia

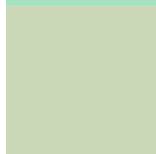
58.2968, 65.8914, 89.7665

Trichromacy



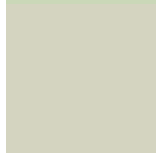
Original Color

52.1075, 66.1738, 58.1706



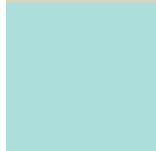
Protanomaly

57.5647, 65.1290, 54.8846



Deuteranomaly

60.2093, 64.8898, 59.2208



Tritanomaly

56.0528, 66.1805, 77.5300

Monochromacy



Original Color

52.1075, 66.1738, 58.1706



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.0875, 62.1576, 63.1270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1075, 66.1738, 58.1706 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(166, 226, 189)` looks like.

```
.text, #text, p{  
    color:rgb(166, 226, 189)  
}
```

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(166, 226, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 226, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.1075, 66.1738, 58.1706 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(166, 226, 189) }
```


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

```
.border{ border-color:rgb(166, 226, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 226, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 226, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 226, 189);  
box-shadow:4px 4px 4px 4px rgb(166, 226,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1075, 66.1738, 58.1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 226, 189) }
```

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

```
.background{ background-color: rgb(166,  
226, 189) }
```

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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