

Converting Colors

XYZ(52.5218, 65.4155, 56.7251)

Have a look what the booklet for
XYZ(52.5218, 65.4155, 56.7251)
contains.

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Color

**XYZ(52.6386, 65.6698,
56.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE0BB
RGB	172, 224, 187
RGB Percent	67%, 88%, 73%
CMY	0.3255, 0.1216, 0.2667
CMYK	0.23, 0.00, 0.17, 0.12
HSL	137°, 46%, 78%
HSV	137°, 23%, 88%
XYZ	52.6386, 65.6698, 56.9149
YIQ	204.2340, -19.1150, -22.5310

Conversions

Conversions Part 2

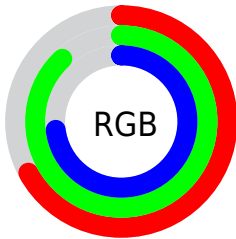
Format	Color
RYB	172, 212, 224
Decimal	11329723
CIELab	84.83, -24.00, 12.73
CIELCh	85, 27.165, 152.050
Yxy	65.6698, 0.3004, 0.3748
Android (android.graphics.Color)	4289519803 (0xFFACE0BB)
YUV	204.2340, -8.4964, -28.2692
Hunter-Lab	81.0369, -25.8675, 15.0845

Details

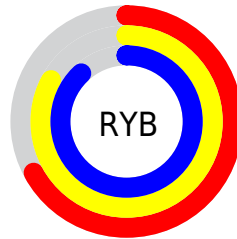
The XYZ color **52.6386, 65.6698, 56.9149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.0040, 49.9575, 66.9629**, and the grayscale version is **57.6047, 60.6046, 65.9984**.

A 20% lighter version of the original color is **83.9326, 94.4850, 98.6077**, and **26.0988, 34.0191, 27.7450** is the 20% darker color. If you saturate the color by 10%, you get **46.5180, 62.7027, 48.2105**, and if you desaturate by 10%, it is **59.7809, 69.1454, 66.6586**.

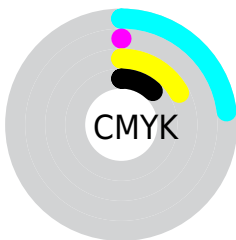
Distribution



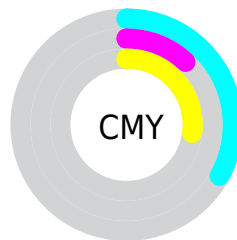
- Red (67%)
- Green (88%)
- Blue (73%)



- Red (67%)
- Yellow (83%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6386, 65.6698, 56.9149 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 52.6386, 65.6698, 56.9149 by changing the saturation by 10% instead.

■ 52.6386, 65.6698,
56.9149

■ 52.6386, 65.6698,
56.9149

387.1806,
445.1950, 430.6152

■ 37.7407, 48.0044,
40.5280

■ 93.2410, 113.0123,
101.8401

■ 25.9578, 33.8304,
27.6336

119.6762,
143.4581, 131.2155

■ 16.9246, 22.7633,
17.8130

150.6879,
178.9330, 165.7575

■ 10.2757, 14.4188,
10.6477

186.6414,
219.8211, 205.8846

■ 5.6458, 8.4125,
5.7193

227.9020,
266.5070, 252.0154

■ 2.6695, 4.3600,
2.6092

274.8352,

■ 0.9815, 1.8769,

319.3750, 304.5684

0.8972

327.8063,
378.8096, 363.9621

■ 0.0000, 0.5345,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6386, 65.6698,
56.9149

■ 52.6386, 65.6698,
56.9149

■ 46.5180, 62.7027,
48.2105

■ 59.7809, 69.1454,
66.6586

■ 41.3660, 60.2119,
40.5066

■ 67.9840, 73.1434,
77.4701

■ 37.1329, 58.1744,
33.7685

■ 77.2914, 77.6876,
89.3819

■ 33.7620, 56.5618,
27.9576

■ 85.2714, 81.5236,
102.3086

■ 31.1903, 55.3424,
23.0328

■ 85.9469, 81.7938,
105.8656

■ 29.3457, 54.4799,
18.9497

■ 28.1418, 53.9309,
15.6601

■ 27.5998, 53.6909,
13.8512

Harmonies

Analogous

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



56.4100, 65.6698, 46.6890



52.6386, 65.6698, 56.9149



51.4359, 65.6698, 72.7088

Triad

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



52.6386, 65.6698, 56.9149



62.8367, 65.6698, 110.5051



72.8723, 65.6698, 55.1500

Complementary

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



52.6386, 65.6698, 56.9149



57.0040, 49.9575, 66.9629

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.



74.8597, 65.6698, 70.3111



52.6386, 65.6698, 56.9149



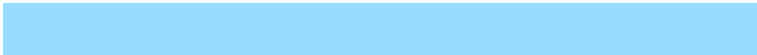
68.8363, 65.6698, 103.8433

Square

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



52.6386, 65.6698, 56.9149



57.0905, 65.6698, 105.3884



73.3375, 65.6698, 88.3930



68.0653, 65.6698, 45.7925

Rectangle

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



52.6386, 65.6698, 56.9149



52.1854, 65.6698, 84.8396



73.3375, 65.6698, 88.3930



73.9059, 65.6698, 59.6433

Sweetspot

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



52.6404, 65.6726, 56.9164



86.8071, 95.9791, 98.1905



60.4745, 69.8872, 49.3329



18.4355, 20.4729, 20.8265



0.0000, 0.0000, 0.0000



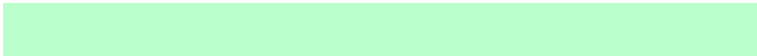
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6404, 65.6726, 56.9164



66.3540, 86.0300, 70.3577



55.6475, 66.8754, 72.7514



13.6906, 15.4020, 15.4057



16.1076, 31.2679, 8.2897



1.1545, 2.1825, 0.7750

Inverse Universe

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



57.0040, 49.9575, 66.9629



73.2071, 61.3388, 86.1284



54.0701, 48.7839, 51.5132



14.1177, 13.8647, 16.3898



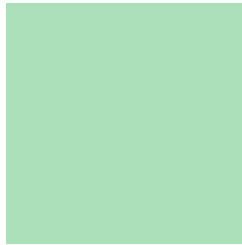
21.6075, 10.7100, 20.3968



1.5359, 0.7576, 1.6148

Previews

White Background



This preview shows how the XYZ color 52.6386, 65.6698, 56.9149 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 52.6386, 65.6698, 56.9149 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 52.6386, 65.6698, 56.9149

Background



This preview shows how black text looks on a background with the XYZ color 52.6386, 65.6698, 56.9149.

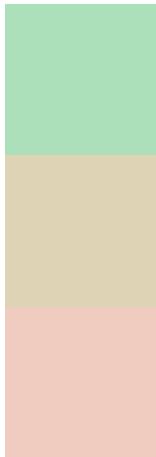


This preview shows how white text looks on a background with the XYZ color 52.6386, 65.6698,

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

52.6386, 65.6698, 56.9149

Protanopia

61.6567, 65.4134, 52.5564

Deuteranopia

66.5934, 65.2980, 58.3841



Tritanopia

58.8643, 65.4476, 88.1274

Trichromacy



Original Color

52.6386, 65.6698, 56.9149

Protanomaly

58.0049, 65.3680, 54.3598

Deuteranomaly

60.6129, 64.7533, 58.0192

Tritanomaly

56.6082, 65.7133, 76.0300

Monochromacy



Original Color

52.6386, 65.6698, 56.9149

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.2255, 61.8722, 62.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6386, 65.6698, 56.9149 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(172, 224, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 224, 187)  
}
```

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(172, 224, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 224, 187) }
```

Border

The CSS property to change the border of an element to XYZ 52.6386, 65.6698, 56.9149 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(172, 224, 187) }
```


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

```
.border{ border-color:rgb(172, 224, 187) }
```

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

Here you see how a box with a 4 pixel rgb(172, 224, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 224, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 224, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 224,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6386, 65.6698, 56.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 224, 187) }
```

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

```
.background{ background-color: rgb(172,  
224, 187) }
```

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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