

Converting Colors

XYZ(47.7854, 56.5398, 56.2992)

Have a look what the booklet for
XYZ(47.7854, 56.5398, 56.2992)
contains.

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Color

**XYZ(47.8603, 56.7348,
56.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	A9CFBD
RGB	169, 207, 189
RGB Percent	66%, 81%, 74%
CMY	0.3372, 0.1882, 0.2588
CMYK	0.18, 0.00, 0.09, 0.19
HSL	152°, 28%, 74%
HSV	152°, 18%, 81%
XYZ	47.8603, 56.7348, 56.5725
YIQ	193.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

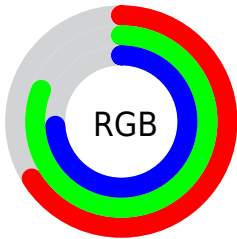
Format	Color
RYB	169, 194, 207
Decimal	11128765
CIELab	80.03, -16.14, 4.78
CIELCh	80, 16.832, 163.486
Yxy	56.7348, 0.2970, 0.3520
Android (android.graphics.Color)	4289318845 (0xFFA9CFBD)
YUV	193.5860, -2.2609, -21.5619
Hunter-Lab	75.3225, -18.3946, 8.1948

Details

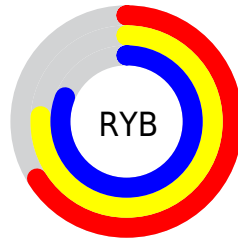
The XYZ color **47.8603, 56.7348, 56.5725** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8917, 45.2306, 53.1697**, and the grayscale version is **51.0549, 53.7138, 58.4943**.

A 20% lighter version of the original color is **83.2928, 94.1201, 100.1632**, and **23.0376, 28.2730, 27.5356** is the 20% darker color. If you saturate the color by 10%, you get **42.7376, 54.2144, 50.9633**, and if you desaturate by 10%, it is **53.7612, 59.6512, 62.5962**.

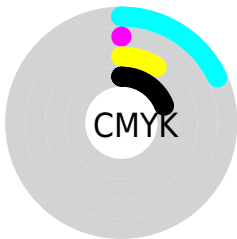
Distribution



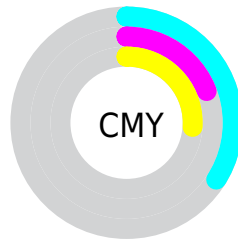
- Red (66%)
- Green (81%)
- Blue (74%)



- Red (66%)
- Yellow (76%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)





- Cyan (34%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8603, 56.7348, 56.5725 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 47.8603, 56.7348, 56.5725 by changing the saturation by 10% instead.

 47.8603, 56.7348,
56.5725


 47.8603, 56.7348,
56.5725

368.8299,
412.4548, 429.2943

 33.9271, 40.7924,
40.2550


 86.2073, 100.0781,
101.3353

 23.0002, 28.1569,
27.4222


 111.3518,
128.2478, 130.6177

 14.7143, 18.4439,
17.6553


140.9641,
161.2620, 165.0588

 8.7042, 11.2692,
10.5359


175.4095,
199.5051, 205.0772

 4.6043, 6.2482,
5.6455

215.0535,
243.3616, 251.0914

 2.0494, 2.9966,
2.5655

260.2613,

 0.6615, 1.1299,

293.2158, 303.5199

0.8745

311.3983,
349.4520, 362.7814

■ 0.0000, 0.0033,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.8603, 56.7348,
56.5725

■ 47.8603, 56.7348,
56.5725

■ 42.7376, 54.2144,
50.9633

■ 53.7612, 59.6512,
62.5962

■ 38.3540, 52.0653,
45.7560

■ 60.4679, 62.9729,
69.0394

■ 34.6740, 50.2709,
40.9423

■ 68.0121, 66.7178,
75.9117

■ 31.6571, 48.8105,
36.5127

■ 76.4227, 70.9006,
83.2212

■ 29.2585, 47.6613,
32.4568

■ 78.9914, 72.0628,
90.6606

■ 27.4275, 46.7972,
28.7639

■ 80.4723, 72.6551,
98.4588

■ 26.1048, 46.1880,
25.4225

■ 81.6039, 73.1078,
104.4180

■ 25.2010, 45.7876,
22.4193

■ 25.0711, 45.7307,
21.9570

Harmonies

Analogous

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



49.5231, 56.7348, 49.0886



47.8603, 56.7348, 56.5725



47.7773, 56.7348, 66.2733

Triad

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



47.8603, 56.7348, 56.5725



55.4735, 56.7348, 81.9662



58.8399, 56.7348, 49.6950

Complementary

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



47.8603, 56.7348, 56.5725



48.8917, 45.2306, 53.1697

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.



60.5781, 56.7348, 57.4842



47.8603, 56.7348, 56.5725



58.5798, 56.7348, 76.4770

Square

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



47.8603, 56.7348, 56.5725



52.0763, 56.7348, 81.6555



60.4809, 56.7348, 67.2861



55.8163, 56.7348, 45.4148

Rectangle

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



47.8603, 56.7348, 56.5725



48.6221, 56.7348, 72.7633



60.4809, 56.7348, 67.2861



59.5995, 56.7348, 51.9519

Sweetspot

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



47.8619, 56.7372, 56.5738



88.4982, 96.7547, 102.6165



50.0595, 58.1039, 46.1136



18.7959, 20.6370, 21.8210



0.0000, 0.0000, 0.0000



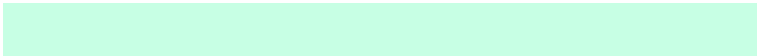
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8619, 56.7372, 56.5738



73.3492, 89.2735, 87.0734



49.7863, 57.2619, 67.4630



11.9125, 13.3087, 13.8956



15.8433, 28.8303, 14.0870



0.9258, 1.6280, 0.9981

Inverse Universe

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



48.8917, 45.2306, 53.1697



75.2961, 67.5231, 80.6398



47.2013, 44.7434, 43.6854



12.0386, 11.9002, 13.4788



17.6503, 8.9330, 8.3308



1.0269, 0.5155, 0.6763

Previews

White Background



This preview shows how the XYZ color 47.8603, 56.7348, 56.5725 looks on a white background.

Color Contrast Check

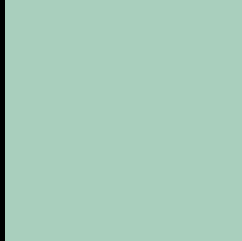
Large Text (above 18pt) WCAG AA × Fail

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 47.8603, 56.7348, 56.5725 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 47.8603, 56.7348, 56.5725

Background



This preview shows how black text looks on a background with the XYZ color 47.8603, 56.7348, 56.5725.



This preview shows how white text looks on a background with the XYZ color 47.8603, 56.7348,

56.5725.

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

47.8603, 56.7348, 56.5725

Protanopia

53.7948, 56.3723, 53.3931

Deuteranopia

57.3586, 56.1274, 57.6797



Tritanopia

51.5977, 56.8250, 75.2667

Trichromacy



Original Color

47.8603, 56.7348, 56.5725

Protanomaly

51.4878, 56.5249, 54.6511

Deuteranomaly

53.4576, 56.1116, 57.3033

Tritanomaly

49.9913, 56.5105, 67.9473

Monochromacy



Original Color

47.8603, 56.7348, 56.5725

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.9454, 54.9669, 57.8464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8603, 56.7348, 56.5725 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(169, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 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(169, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.8603, 56.7348, 56.5725 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(169, 207, 189) }
```


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

```
.border{ border-color:rgb(169, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8603, 56.7348, 56.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 189) }
```

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

```
.background{ background-color: rgb(169,  
207, 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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