

Converting Colors

XYZ(47.7433, 52.4964, 56.9093)

Have a look what the booklet for
XYZ(47.7433, 52.4964, 56.9093)
contains.

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Color

**XYZ(47.7415, 52.4951,
56.9065)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B4C3BF |
| RGB | 180, 195, 191 |
| RGB Percent | 71%, 76%, 75% |
| CMY | 0.2941, 0.2353, 0.2510 |
| CMYK | 0.08, 0.00, 0.02, 0.24 |
| HSL | 164°, 11%, 74% |
| HSV | 164°, 8%, 76% |
| XYZ | 47.7415, 52.4951, 56.9065 |
| YIQ | 190.0590, -7.6560, -4.4240 |

Conversions

Conversions Part 2

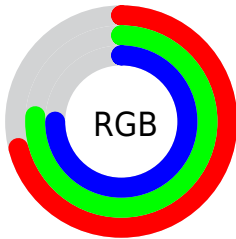
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 189, 195 |
| Decimal | 11846591 |
| CIELab | 77.58, -5.89, 0.24 |
| CIELCh | 78, 5.893, 177.693 |
| Yxy | 52.4951, 0.3038, 0.3341 |
| Android (android.graphics.Color) | 4290036671 (0xFFB4C3BF) |
| YUV | 190.0590, 0.4639, -8.8217 |
| Hunter-Lab | 72.4535, -9.1753, 4.1498 |

Details

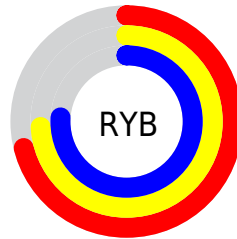
The XYZ color **47.7415, 52.4951, 56.9065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4806, 47.7068, 52.0558**, and the grayscale version is **48.9793, 51.5301, 56.1163**.

A 20% lighter version of the original color is **86.1910, 94.1691, 101.6294**, and **22.8647, 25.3968, 27.7417** is the 20% darker color. If you saturate the color by 10%, you get **42.9552, 50.0941, 53.7471**, and if you desaturate by 10%, it is **53.1898, 55.2379, 60.2052**.

Distribution



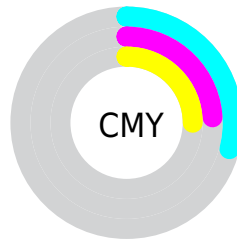
- Red (71%)
- Green (76%)
- Blue (75%)



- Red (71%)
- Yellow (74%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7415, 52.4951, 56.9065 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 47.7415, 52.4951, 56.9065 by changing the saturation by 10% instead.

■ 47.7415, 52.4951,
56.9065

■ 47.7415, 52.4951,
56.9065

368.3662,
396.3450, 430.5828

■ 33.8326, 37.3999,
40.5213

■ 86.0314, 93.8610,
101.8277

■ 22.9273, 25.5172,
27.6284

111.1432,
120.9004, 131.2008

■ 14.6603, 16.4628,
17.8091

140.7199,
152.6901, 165.7404

■ 8.6661, 9.8523,
10.6450

175.1271,
189.6143, 205.8648

■ 4.5794, 5.3011,
5.7175

214.7299,
232.0575, 251.9927

■ 2.0348, 2.4250,
2.6081

259.8938,

■ 0.6534, 0.8387,

280.4041, 304.5427

0.8966

310.9841,
335.0385, 363.9332

■ 0.0000, 0.0000,
0.0000

■ 47.7415, 52.4951,
56.9065

■ 47.7415, 52.4951,
56.9065

■ 42.9552, 50.0941,
53.7471

■ 53.1898, 55.2379,
60.2052

■ 38.7997, 48.0146,
50.7213

■ 59.3209, 58.3289,
63.6421

■ 35.2480, 46.2439,
47.8278

■ 66.1601, 61.7825,
67.2205

■ 32.2691, 44.7664,
45.0639

■ 72.6163, 65.0363,
70.8903

■ 29.8296, 43.5646,
42.4271

■ 73.2827, 65.3028,
74.3995

■ 27.8921, 42.6194,
39.9143

■ 73.9704, 65.5779,
78.0212

■ 26.4145, 41.9091,
37.5225

■ 74.6797, 65.8616,
81.7563

■ 25.3476, 41.4083,
35.2482

■ 75.4107, 66.1540,
85.6057

■ 24.6197, 41.0801,
33.0866

■ 76.1637, 66.4552,
89.5706

Harmonies

Analogous

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



48.0693, 52.4951, 53.8756



47.7415, 52.4951, 56.9065



47.9835, 52.4951, 60.1188

Triad

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



47.7415, 52.4951, 56.9065



50.9183, 52.4951, 62.8856



51.0730, 52.4951, 52.0261

Complementary

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



47.7415, 52.4951, 56.9065



47.4806, 47.7068, 52.0558

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.



51.8567, 52.4951, 54.2965



47.7415, 52.4951, 56.9065



51.7664, 52.4951, 60.5716

Square

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



47.7415, 52.4951, 56.9065



49.8070, 52.4951, 63.6479



52.1123, 52.4951, 57.4107



49.9831, 52.4951, 51.1254

Rectangle

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



47.7415, 52.4951, 56.9065



48.4374, 52.4951, 61.9167



52.1123, 52.4951, 57.4107



51.3816, 52.4951, 52.6501

Sweetspot

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



47.7430, 52.4973, 56.9077



90.8800, 96.7225, 105.2312



47.5822, 52.5491, 50.8161



19.9233, 21.1920, 23.0575



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.



47.7430, 52.4973, 56.9077



84.1924, 93.3597, 101.0839



47.4692, 51.2351, 59.0198



10.2501, 11.3811, 12.3203



15.9410, 26.6705, 21.3804



0.7161, 1.1633, 1.0677

Inverse Universe

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



47.4806, 47.7068, 52.0558



83.6397, 83.2668, 90.8622



47.7308, 48.8692, 50.0979



10.1811, 10.1210, 11.0442



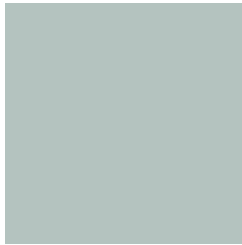
15.0611, 7.7142, 2.9677



0.6805, 0.3452, 0.2848

Previews

White Background



This preview shows how the XYZ color 47.7415, 52.4951, 56.9065 looks on a white background.

Color Contrast Check

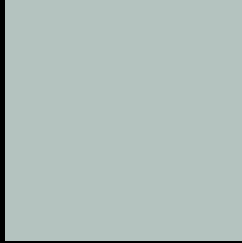
Large Text (above 18pt) WCAG AA × Fail

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 47.7415, 52.4951, 56.9065 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

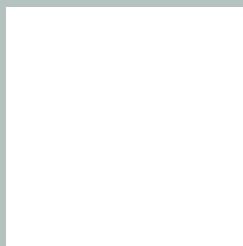
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7415, 52.4951, 56.9065

Background



This preview shows how black text looks on a background with the XYZ color 47.7415, 52.4951, 56.9065.



This preview shows how white text looks on a background with the XYZ color 47.7415, 52.4951,

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

47.7415, 52.4951, 56.9065

Protanopia

50.2136, 52.4945, 55.0629

Deuteranopia

53.2691, 52.1035, 57.7015



Tritanopia

49.7632, 52.3206, 67.1506

Trichromacy



Original Color

47.7415, 52.4951, 56.9065

Protanomaly

49.2701, 52.3205, 55.6462

Deuteranomaly

51.0007, 52.2067, 57.2581

Tritanomaly

49.0220, 52.3493, 63.3978

Monochromacy



Original Color

47.7415, 52.4951, 56.9065

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3936, 51.8561, 56.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7415, 52.4951, 56.9065 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(180, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 195, 191)  
}
```

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(180, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 195, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.7415, 52.4951, 56.9065 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(180, 195, 191) }
```


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

```
.border{ border-color:rgb(180, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 195,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7415, 52.4951, 56.9065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 195, 191) }
```

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

```
.background{ background-color: rgb(180,  
195, 191) }
```

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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