

Converting Colors

XYZ(48.7957, 54.4684, 56.4802)

Have a look what the booklet for
XYZ(48.7957, 54.4684, 56.4802)
contains.

XYZ(48.7737, 54.3883, 56.6425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.7737, 54.3883,
56.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C7BE
RGB	181, 199, 190
RGB Percent	71%, 78%, 75%
CMY	0.2902, 0.2196, 0.2549
CMYK	0.09, 0.00, 0.05, 0.22
HSL	150°, 14%, 75%
HSV	150°, 9%, 78%
XYZ	48.7737, 54.3883, 56.6425
YIQ	192.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

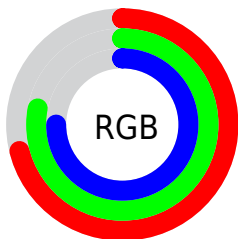
Format	Color
RYB	181, 193, 199
Decimal	11913150
CIELab	78.69, -7.84, 2.40
CIELCh	79, 8.196, 162.949
Yxy	54.3883, 0.3052, 0.3403
Android (android.graphics.Color)	4290103230 (0xFFB5C7BE)
YUV	192.5920, -1.2779, -10.1662
Hunter-Lab	73.7484, -11.0083, 6.0862

Details

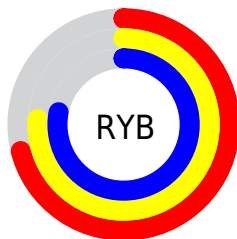
The XYZ color **48.7737, 54.3883, 56.6425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3733, 48.9089, 55.5558**, and the grayscale version is **50.4609, 53.0888, 57.8137**.

A 20% lighter version of the original color is **87.3196, 96.1783, 101.1508**, and **23.5428, 26.6461, 27.5693** is the 20% darker color. If you saturate the color by 10%, you get **43.3860, 51.7338, 50.9054**, and if you desaturate by 10%, it is **54.9053, 57.4208, 62.8044**.

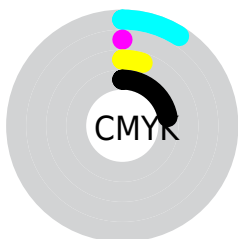
Distribution



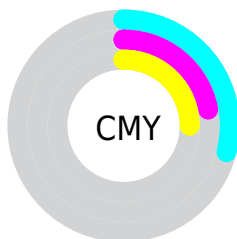
- Red (71%)
- Green (78%)
- Blue (75%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7737, 54.3883, 56.6425 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 48.7737, 54.3883, 56.6425 by changing the saturation by 10% instead.

■ 48.7737, 54.3883,
56.6425

■ 48.7737, 54.3883,
56.6425

372.3825,
403.5890, 429.5645

■ 34.6538, 38.9122,
40.3108

■ 87.5580, 96.6441,
101.4385

■ 23.5616, 26.6914,
27.4654

112.9531,
124.1927, 130.7399

■ 15.1317, 17.3416,
17.6875

142.8373,
156.5341, 165.2017

■ 8.9988, 10.4783,
10.5588

177.5760,
194.0529, 205.2423

■ 4.7975, 5.7173,
5.6606

217.5345,
237.1333, 251.2804

■ 2.1625, 2.6739,
2.5744

263.0782,

■ 0.7228, 0.9640,

286.1599, 303.7344

0.8792

314.5724,
341.5170, 363.0230

■ 0.0000, 0.0000,
0.0000

■ 48.7737, 54.3883,
56.6425

■ 48.7737, 54.3883,
56.6425

■ 43.3860, 51.7338,
50.9054

■ 54.9053, 57.4208,
62.8044

■ 38.7080, 49.4352,
45.5805

■ 61.8041, 60.8385,
69.3964

■ 34.7096, 47.4788,
40.6595

■ 69.4980, 64.6571,
76.4281

■ 31.3568, 45.8470,
36.1327

■ 75.9206, 67.8114,
83.8098

■ 28.6122, 44.5210,
31.9900

■ 77.3571, 68.3860,
91.3746

■ 26.4348, 43.4796,
28.2205

■ 78.8748, 68.9931,
99.3663

■ 24.7777, 42.6991,
24.8129

■ 79.7145, 69.3289,
103.7882

■ 23.5865, 42.1514,
21.7553

■ 22.7696, 41.7897,
19.0333

Harmonies

Analogous

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



49.6013, 54.3883, 52.9278



48.7737, 54.3883, 56.6425



48.7182, 54.3883, 61.2409

Triad

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



48.7737, 54.3883, 56.6425



52.3955, 54.3883, 68.3446



54.0078, 54.3883, 53.3478

Complementary

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



48.7737, 54.3883, 56.6425



49.3733, 48.9089, 55.5558

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.



54.7895, 54.3883, 57.2433



48.7737, 54.3883, 56.6425



53.8456, 54.3883, 65.9912

Square

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



48.7737, 54.3883, 56.6425



50.7866, 54.3883, 68.1630



54.7295, 54.3883, 61.8737



52.6131, 54.3883, 51.0949

Rectangle

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



48.7737, 54.3883, 56.6425



49.1247, 54.3883, 64.2046



54.7295, 54.3883, 61.8737



54.3522, 54.3883, 54.4996

Sweetspot

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



48.7752, 54.3906, 56.6437



91.6814, 98.3339, 105.5592



50.0760, 55.1714, 51.7266



19.4354, 20.9544, 22.4054



0.0000, 0.0000, 0.0000



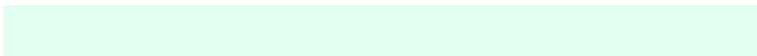
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7752, 54.3906, 56.6437



83.2959, 94.1920, 96.9884



49.7553, 54.7826, 61.8048



10.7149, 11.9748, 12.4488



14.6400, 26.8684, 12.3149



0.7298, 1.2868, 0.7757

Inverse Universe

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



49.3733, 48.9089, 55.5558



84.5692, 82.5203, 94.6721



48.4500, 48.5396, 50.6938



10.8514, 10.7239, 12.2006



16.6536, 8.4110, 8.6515



0.8251, 0.4129, 0.6022

Previews

White Background



This preview shows how the XYZ color 48.7737, 54.3883, 56.6425 looks on a white background.

Color Contrast Check

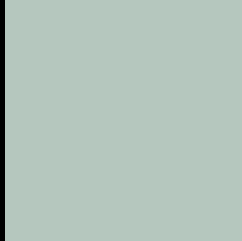
Large Text (above 18pt) WCAG AA × Fail

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 48.7737, 54.3883, 56.6425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

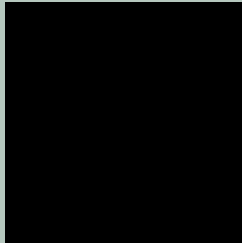
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

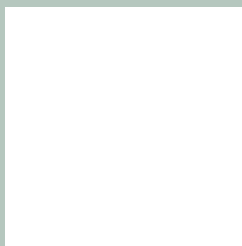
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7737, 54.3883, 56.6425

Background



This preview shows how black text looks on a background with the XYZ color 48.7737, 54.3883, 56.6425.



This preview shows how white text looks on a background with the XYZ color 48.7737, 54.3883,

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

48.7737, 54.3883, 56.6425

Protanopia

52.0808, 54.4508, 54.7788

Deuteranopia

55.2292, 54.0684, 57.3945



Tritanopia

51.5054, 54.4973, 69.4324

Trichromacy



Original Color

48.7737, 54.3883, 56.6425

Protanomaly

50.8093, 54.4482, 55.4086

Deuteranomaly

52.6107, 54.0174, 56.9437

Tritanomaly

50.5129, 54.4346, 64.3445

Monochromacy



Original Color

48.7737, 54.3883, 56.6425

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0158, 53.6548, 57.5895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7737, 54.3883, 56.6425 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(181, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 190)  
}
```

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(181, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.7737, 54.3883, 56.6425 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(181, 199, 190) }
```


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

```
.border{ border-color:rgb(181, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7737, 54.3883, 56.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 190) }
```

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

```
.background{ background-color: rgb(181,  
199, 190) }
```

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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