

Converting Colors

XYZ(48.7609, 53.2120, 55.0492)

Have a look what the booklet for
XYZ(48.7609, 53.2120, 55.0492)
contains.

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Color

**XYZ(48.5998, 52.9753,
55.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C3BC
RGB	185, 195, 188
RGB Percent	73%, 76%, 74%
CMY	0.2745, 0.2353, 0.2627
CMYK	0.05, 0.00, 0.04, 0.24
HSL	138°, 8%, 75%
HSV	138°, 5%, 76%
XYZ	48.5998, 52.9753, 55.2407
YIQ	191.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

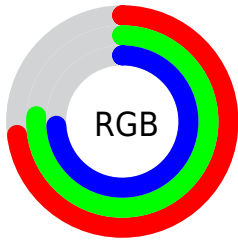
Format	Color
RYB	185, 193, 195
Decimal	12174268
CIELab	77.86, -4.75, 2.32
CIELCh	78, 5.281, 154.000
Yxy	52.9753, 0.3099, 0.3378
Android (android.graphics.Color)	4290364348 (0xFFB9C3BC)
YUV	191.2120, -1.5835, -5.4479
Hunter-Lab	72.7841, -8.1833, 5.9498

Details

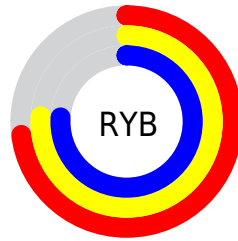
The XYZ color **48.5998, 52.9753, 55.2407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3710, 50.1072, 56.9413**, and the grayscale version is **49.6559, 52.2419, 56.8914**.

A 20% lighter version of the original color is **87.4152, 94.8532, 99.2892**, and **23.4138, 25.7046, 26.6491** is the 20% darker color. If you saturate the color by 10%, you get **42.8117, 50.1550, 47.6476**, and if you desaturate by 10%, it is **55.1754, 56.1885, 63.5997**.

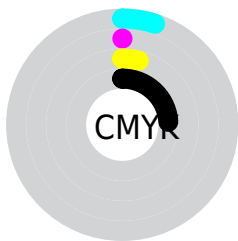
Distribution



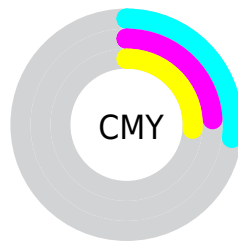
- Red (73%)
- Green (76%)
- Blue (74%)



- Red (73%)
- Yellow (76%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5998, 52.9753, 55.2407 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 48.5998, 52.9753, 55.2407 by changing the saturation by 10% instead.

■ 48.5998, 52.9753,
55.2407

■ 48.5998, 52.9753,
55.2407

371.7078,
398.1904, 424.1313

■ 34.5153, 37.7831,
39.1946

■ 87.3011, 94.5680,
99.3682

■ 23.4545, 25.8144,
26.6021

112.6486,
121.7373, 128.2867

■ 15.0520, 16.6848,
17.0448

142.4812,
153.6677, 162.3330

■ 8.9425, 10.0100,
10.1042

177.1643,
190.7436, 201.9257

■ 4.7605, 5.4056,
5.3616

217.0631,
233.3494, 247.4834

■ 2.1407, 2.4872,
2.3985

262.5431,

■ 0.7112, 0.8702,

281.8696, 299.4245

0.7856

313.9695,
336.6884, 358.1676

■ 0.0000, 0.0000,
0.0000

■ 48.5998, 52.9753,
55.2407

■ 48.5998, 52.9753,
55.2407

■ 42.8117, 50.1550,
47.6476

■ 55.1754, 56.1885,
63.5997

■ 37.7766, 47.7058,
40.7953

■ 62.5624, 59.8019,
72.7418

■ 33.4642, 45.6139,
34.6628

■ 70.7890, 63.8313,
82.6878

■ 29.8403, 43.8623,
29.2262

■ 76.8750, 66.7397,
93.3161

■ 26.8678, 42.4323,
24.4609

■ 78.8061, 67.5122,
103.4854

■ 24.5060, 41.3035,
20.3404

■ 22.7095, 40.4531,
16.8367

■ 21.4261, 39.8547,
13.9193

■ 20.5929, 39.4767,
11.5554

Harmonies

Analogous

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



49.2568, 52.9753, 53.1247



48.5998, 52.9753, 55.2407



48.4098, 52.9753, 58.0760

Triad

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



48.5998, 52.9753, 55.2407



50.4891, 52.9753, 63.5002



52.0040, 52.9753, 54.5804

Complementary

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



48.5998, 52.9753, 55.2407



49.3710, 50.1072, 56.9413

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.



52.3443, 52.9753, 57.2880



48.5998, 52.9753, 55.2407



51.4622, 52.9753, 62.4908

Square

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



48.5998, 52.9753, 55.2407



49.4919, 52.9753, 62.9073



52.1447, 52.9753, 60.1923



51.2208, 52.9753, 52.7527

Rectangle

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



48.5998, 52.9753, 55.2407



48.5714, 52.9753, 60.0088



52.1447, 52.9753, 60.1923



52.1744, 52.9753, 55.4144

Sweetspot

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



48.6013, 52.9776, 55.2419



90.5369, 96.5852, 103.4242



50.0546, 53.7637, 53.6390



19.8518, 21.1634, 22.6809



0.0000, 0.0000, 0.0000



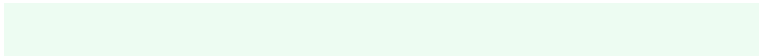
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6013, 52.9776, 55.2419



85.9820, 94.3620, 97.5648



49.1315, 53.1897, 58.0340



10.4317, 11.4858, 11.8271



13.2210, 25.5825, 7.0568



0.6025, 1.1178, 0.4695

Inverse Universe

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



49.3710, 50.1072, 56.9413



87.6090, 88.2951, 101.1568



48.8438, 49.8963, 54.1651



10.6446, 10.6918, 12.2972



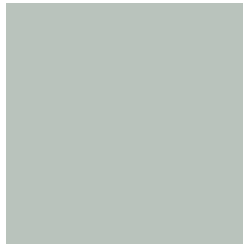
17.5784, 8.7211, 16.2239



0.7888, 0.3885, 0.8550

Previews

White Background



This preview shows how the XYZ color 48.5998, 52.9753, 55.2407 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 48.5998, 52.9753, 55.2407 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

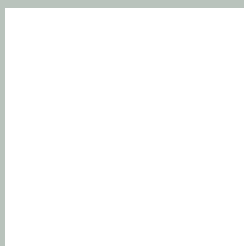
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5998, 52.9753, 55.2407

Background



This preview shows how black text looks on a background with the XYZ color 48.5998, 52.9753, 55.2407.



This preview shows how white text looks on a background with the XYZ color 48.5998, 52.9753,

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

48.5998, 52.9753, 55.2407

Protanopia

50.5197, 52.6771, 53.9594

Deuteranopia

54.0045, 52.8326, 56.0666



Tritanopia

50.8512, 52.8956, 66.5612

Trichromacy



Original Color

48.5998, 52.9753, 55.2407

Protanomaly

49.8116, 52.6246, 54.5459

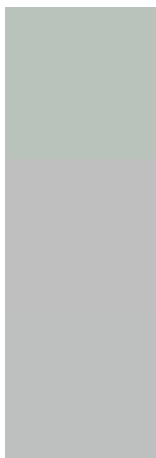
Deuteranomaly

51.7400, 52.6259, 55.5749

Tritanomaly

49.9888, 52.8749, 62.2148

Monochromacy



Original Color

48.5998, 52.9753, 55.2407

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1302, 52.2358, 56.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5998, 52.9753, 55.2407 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(185, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 195, 188)  
}
```

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(185, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 195, 188) }
```

Border

The CSS property to change the border of an element to XYZ 48.5998, 52.9753, 55.2407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

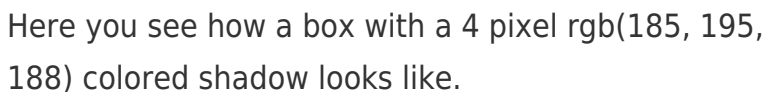
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 195, 188) }
```


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

```
.border{ border-color:rgb(185, 195, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 195,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5998, 52.9753, 55.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 195, 188) }
```

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

```
.background{ background-color: rgb(185,  
195, 188) }
```

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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