

Converting Colors

XYZ(47.5008, 52.3454, 58.0522)

Have a look what the booklet for
XYZ(47.5008, 52.3454, 58.0522)
contains.

XYZ(47.5008, 52.3454, 58.0522)	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(47.5008, 52.3454,
58.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C3C1
RGB	178, 195, 193
RGB Percent	70%, 76%, 76%
CMY	0.3020, 0.2353, 0.2431
CMYK	0.09, 0.00, 0.01, 0.24
HSL	173°, 12%, 73%
HSV	173°, 9%, 76%
XYZ	47.5008, 52.3454, 58.0522
YIQ	189.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

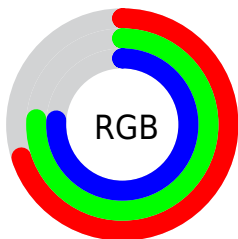
Format	Color
R_YB	178, 187, 195
Decimal	11715521
CIE Lab	77.49, -6.17, -0.99
CIE LCh	77, 6.253, 189.113
Yxy	52.3454, 0.3008, 0.3315
Android (android.graphics.Color)	4289905601 (0xFFB2C3C1)
YUV	189.6890, 1.6323, -10.2513
Hunter-Lab	72.3501, -9.4202, 3.0720

Details

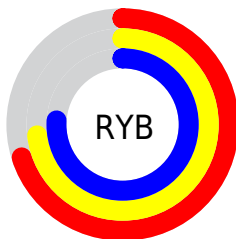
The XYZ color **47.5008, 52.3454, 58.0522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6661, 46.7395, 49.7444**, and the grayscale version is **48.7607, 51.3000, 55.8657**.

A 20% lighter version of the original color is **85.8410, 93.9528, 103.2329**, and **22.7159, 25.3032, 28.4977** is the 20% darker color. If you saturate the color by 10%, you get **43.0868, 50.1007, 56.5193**, and if you desaturate by 10%, it is **52.5578, 54.9240, 59.6382**.

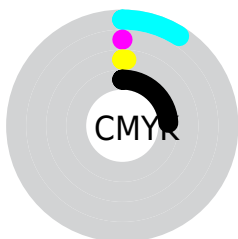
Distribution



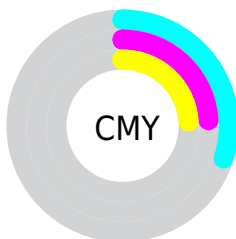
- Red (70%)
- Green (76%)
- Blue (76%)



- Red (70%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5008, 52.3454, 58.0522 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 47.5008, 52.3454, 58.0522 by changing the saturation by 10% instead.

■ 47.5008, 52.3454,
58.0522

■ 47.5008, 52.3454,
58.0522

367.4256,
395.7686, 434.9841

■ 33.6413, 37.2805,
41.4356

■ 85.6749, 93.6404,
103.5144

■ 22.7798, 25.4247,
28.3374

110.7202,
120.6393, 133.1971

■ 14.5508, 16.3938,
18.3389

140.2249,
152.3850, 168.0723

■ 8.5890, 9.8032,
11.0216

174.5542,
189.2618, 208.5585

■ 4.5290, 5.2687,
5.9670

214.0736,
231.6542, 255.0742

■ 2.0056, 2.4058,
2.7566

259.1484,

■ 0.6371, 0.8288,

279.9465, 308.0380

0.9717

310.1439,
334.5232, 367.8685

■ 0.0000, 0.0000,
0.0000

■ 47.5008, 52.3454,
58.0522

■ 47.5008, 52.3454,
58.0522

■ 43.0868, 50.1007,
56.5193

■ 52.5578, 54.9240,
59.6382

■ 39.2847, 48.1696,
55.0346

■ 58.2785, 57.8428,
61.2750

■ 36.0673, 46.5394,
53.5978

■ 64.6881, 61.1163,
62.9651

■ 33.4037, 45.1943,
52.2075

■ 71.4392, 64.5654,
64.6921

■ 31.2602, 44.1168,
50.8619

■ 71.7137, 64.6752,
66.1373

■ 29.5993, 43.2877,
49.5592

■ 71.9922, 64.7866,
67.6038

■ 28.3785, 42.6851,
48.2974

■ 72.2747, 64.8996,
69.0919

■ 27.5479, 42.2831,
47.0739

■ 72.5614, 65.0143,
70.6015

■ 27.0252, 42.0394,
45.8849

■ 72.8522, 65.1306,
72.1329

Harmonies

Analogous

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



47.6201, 52.3454, 54.6630



47.5008, 52.3454, 58.0522



47.9773, 52.3454, 61.2828

Triad

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



47.5008, 52.3454, 58.0522



51.2281, 52.3454, 62.2982



50.5830, 52.3454, 51.0201

Complementary

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



47.5008, 52.3454, 58.0522



46.6661, 46.7395, 49.7444

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.



51.5715, 52.3454, 52.9125



47.5008, 52.3454, 58.0522



51.9481, 52.3454, 59.3929

Square

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



47.5008, 52.3454, 58.0522



50.1204, 52.3454, 63.7985



52.0747, 52.3454, 55.9512



49.3868, 52.3454, 50.6937

Rectangle

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



47.5008, 52.3454, 58.0522



48.5732, 52.3454, 62.8791



52.0747, 52.3454, 55.9512



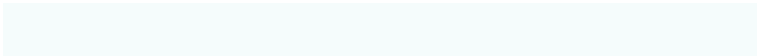
50.9512, 52.3454, 51.4904

Sweetspot

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



47.5023, 52.3476, 58.0534



90.0657, 96.2943, 105.5682



46.4371, 51.9821, 49.7063



19.5611, 21.0047, 23.0676



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.



47.5023, 52.3476, 58.0534



83.8684, 93.1373, 103.5694



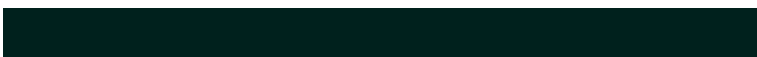
46.3594, 49.7018, 58.7823



10.3158, 11.4074, 12.6663



17.5457, 27.3123, 29.8304



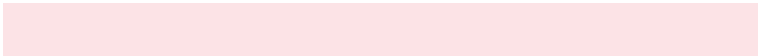
0.7728, 1.1860, 1.3665

Inverse Universe

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



46.6661, 46.7395, 49.7444



82.1413, 81.5532, 86.4067



47.7323, 49.1961, 49.1003



10.1204, 10.0968, 10.7245



14.7444, 7.5875, 1.3001



0.6534, 0.3344, 0.1422

Previews

White Background



This preview shows how the XYZ color 47.5008, 52.3454, 58.0522 looks on a white background.

Color Contrast Check

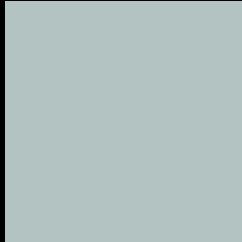
Large Text (above 18pt) WCAG AA × Fail

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 47.5008, 52.3454, 58.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

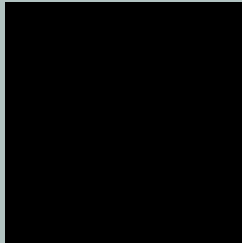
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

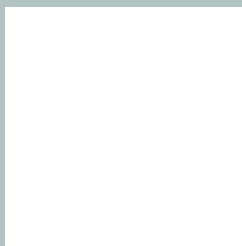
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5008, 52.3454, 58.0522

Background



This preview shows how black text looks on a background with the XYZ color 47.5008, 52.3454, 58.0522.



This preview shows how white text looks on a background with the XYZ color 47.5008, 52.3454,

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

47.5008, 52.3454, 58.0522

Protanopia

50.2134, 52.1467, 56.1340

Deuteranopia

53.2117, 52.0480, 58.8715



Tritanopia

49.5112, 52.5178, 67.2019

Trichromacy



Original Color

47.5008, 52.3454, 58.0522

Protanomaly

49.2399, 52.2797, 56.7860

Deuteranomaly

50.9612, 52.1606, 58.4210

Tritanomaly

48.8937, 52.5987, 64.0755

Monochromacy



Original Color

47.5008, 52.3454, 58.0522

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.5033, 51.9000, 56.7515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5008, 52.3454, 58.0522 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(178, 195, 193) looks like.

```
.text, #text, p{  
    color:rgb(178, 195, 193)  
}
```

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(178, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 47.5008, 52.3454, 58.0522 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(178, 195, 193) }
```


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

```
.border{ border-color:rgb(178, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 195,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5008, 52.3454, 58.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 195, 193) }
```

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

```
.background{ background-color: rgb(178,  
195, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor