

Converting Colors

XYZ(48.2288, 54.7566, 58.5494)

Have a look what the booklet for
XYZ(48.2288, 54.7566, 58.5494)
contains.

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Color

**XYZ(48.1915, 54.7375,
58.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC9C1
RGB	175, 201, 193
RGB Percent	69%, 79%, 76%
CMY	0.3137, 0.2117, 0.2431
CMYK	0.13, 0.00, 0.04, 0.21
HSL	162°, 19%, 74%
HSV	162°, 13%, 79%
XYZ	48.1915, 54.7375, 58.4775
YIQ	192.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

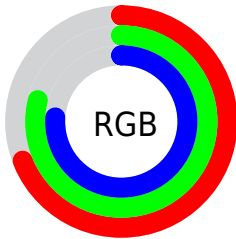
Format	Color
RYB	175, 190, 201
Decimal	11520449
CIELab	78.89, -10.31, 1.03
CIELCh	79, 10.359, 174.274
Yxy	54.7375, 0.2986, 0.3391
Android (android.graphics.Color)	4289710529 (0xFFAFC9C1)
YUV	192.3140, 0.3382, -15.1844
Hunter-Lab	73.9848, -13.2038, 4.9266

Details

The XYZ color **48.1915, 54.7375, 58.4775** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9666, 46.4978, 51.2492**, and the grayscale version is **50.2912, 52.9102, 57.6192**.

A 20% lighter version of the original color is **85.8139, 95.3485, 103.5038**, and **23.1934, 26.8985, 28.7804** is the 20% darker color. If you saturate the color by 10%, you get **43.3361, 52.3141, 54.7235**, and if you desaturate by 10%, it is **53.7504, 57.5233, 62.4174**.

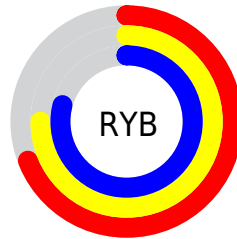
Distribution



Red (69%)

Green (79%)

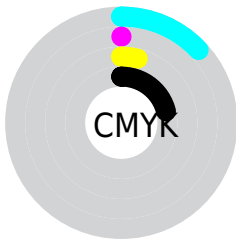
Blue (76%)



Red (69%)

Yellow (75%)

Blue (79%)

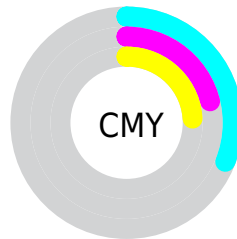


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (31%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1915, 54.7375, 58.4775 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 48.1915, 54.7375, 58.4775 by changing the saturation by 10% instead.

■ 48.1915, 54.7375,
58.4775

■ 48.1915, 54.7375,
58.4775

370.1207,
404.9161, 436.6107

■ 34.1904, 39.1916,
41.7754

■ 86.6974, 97.1562,
104.1395

■ 23.2035, 26.9088,
28.6012

111.9330,
124.7979, 133.9365

■ 14.8654, 17.5047,
18.5364

141.6442,
157.2402, 168.9356

■ 8.8107, 10.5950,
11.1624

176.1962,
194.8676, 209.5553

■ 4.6740, 5.7952,
6.0606

215.9545,
238.0645, 256.2141

■ 2.0901, 2.7210,
2.8126

261.2845,

■ 0.6838, 0.9879,

287.2153, 309.3306

0.9997

312.5514,
342.7044, 369.3232

■ 0.0000, 0.0000,
0.0000

■ 48.1915, 54.7375,
58.4775

■ 48.1915, 54.7375,
58.4775

■ 43.3361, 52.3141,
54.7235

■ 53.7504, 57.5233,
62.4174

■ 39.1498, 50.2307,
51.1487

■ 60.0362, 60.6790,
66.5427

■ 35.6017, 48.4732,
47.7507

■ 67.0771, 64.2204,
70.8576

■ 32.6573, 47.0235,
44.5262

■ 74.7494, 68.0840,
75.3580

■ 30.2781, 45.8622,
41.4713

■ 75.5732, 68.4135,
79.6956

■ 28.4214, 44.9670,
38.5822

■ 76.4274, 68.7552,
84.1940

■ 27.0379, 44.3127,
35.8545

■ 77.3125, 69.1093,
88.8548

■ 26.0685, 43.8689,
33.2834

■ 78.2288, 69.4758,
93.6798

■ 25.5581, 43.6435,
31.5570

■ 79.1765, 69.8548,
98.6704

Harmonies

Analogous

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



48.8829, 54.7375, 53.2310



48.1915, 54.7375, 58.4775



48.5055, 54.7375, 64.3760

Triad

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



48.1915, 54.7375, 58.4775



53.6684, 54.7375, 70.5267



54.3688, 54.7375, 50.8738

Complementary

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



48.1915, 54.7375, 58.4775



47.9666, 46.4978, 51.2492

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.



55.7136, 54.7375, 55.0660



48.1915, 54.7375, 58.4775



55.3018, 54.7375, 66.4575

Square

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



48.1915, 54.7375, 58.4775



51.6330, 54.7375, 71.5886



56.0594, 54.7375, 60.7364



52.4217, 54.7375, 49.0304

Rectangle

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



48.1915, 54.7375, 58.4775



49.2471, 54.7375, 67.8572



56.0594, 54.7375, 60.7364



54.9083, 54.7375, 52.0411

Sweetspot

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



48.1930, 54.7398, 58.4787



90.8951, 97.9160, 106.0888



48.2103, 54.9668, 48.6270



19.2929, 20.8767, 22.5955



0.0000, 0.0000, 0.0000



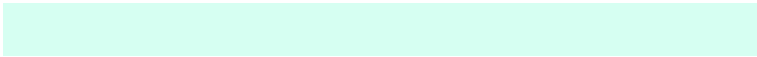
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1930, 54.7398, 58.4787



79.6436, 92.2837, 97.9684



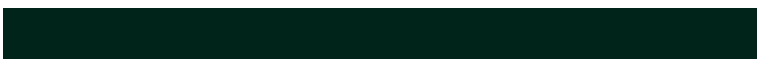
48.0162, 52.9184, 62.9446



10.8023, 12.0098, 12.9093



16.1118, 27.4571, 20.0649



0.7942, 1.3126, 1.1150

Inverse Universe

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



47.9666, 46.4978, 51.2492



79.1688, 74.9871, 82.7987



48.1012, 48.0626, 47.3001



10.7660, 10.6898, 11.7513



15.7259, 8.0399, 3.7665



0.7775, 0.3938, 0.3513

Previews

White Background



This preview shows how the XYZ color 48.1915, 54.7375, 58.4775 looks on a white background.

Color Contrast Check

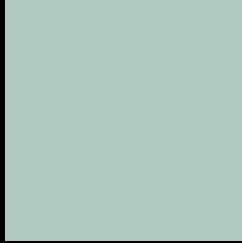
Large Text (above 18pt) WCAG AA × Fail

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 48.1915, 54.7375, 58.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

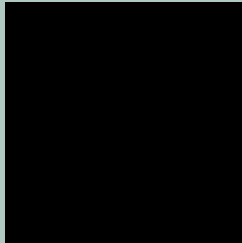
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

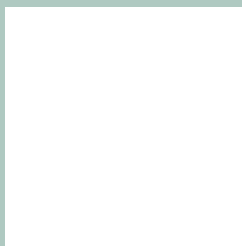
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1915, 54.7375, 58.4775

Background



This preview shows how black text looks on a background with the XYZ color 48.1915, 54.7375, 58.4775.



This preview shows how white text looks on a background with the XYZ color 48.1915, 54.7375,

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

48.1915, 54.7375, 58.4775

Protanopia

52.2965, 54.5371, 55.9145

Deuteranopia

55.4885, 54.4815, 59.2212



Tritanopia

50.9221, 54.8269, 71.5171

Trichromacy



Original Color

48.1915, 54.7375, 58.4775

Protanomaly

50.7464, 54.7266, 56.6039

Deuteranomaly

52.3608, 54.1771, 58.7365

Tritanomaly

49.9241, 54.7681, 66.3325

Monochromacy



Original Color

48.1915, 54.7375, 58.4775

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.2792, 53.2751, 57.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1915, 54.7375, 58.4775 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(175, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 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(175, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.1915, 54.7375, 58.4775 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(175, 201, 193) }
```


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

```
.border{ border-color:rgb(175, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1915, 54.7375, 58.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 193) }
```

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

```
.background{ background-color: rgb(175,  
201, 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](#).

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