

Converting Colors

XYZ(47.6384, 51.5317, 54.5015)

Have a look what the booklet for
XYZ(47.6384, 51.5317, 54.5015)
contains.

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Color

**XYZ(47.5864, 51.4775,
54.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C0BB
RGB	184, 192, 187
RGB Percent	72%, 75%, 73%
CMY	0.2784, 0.2470, 0.2667
CMYK	0.04, 0.00, 0.03, 0.25
HSL	142°, 6%, 74%
HSV	142°, 4%, 75%
XYZ	47.5864, 51.4775, 54.4418
YIQ	189.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

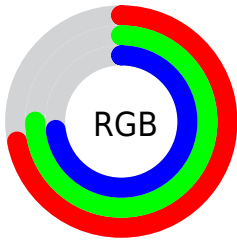
Format	Color
RYB	184, 190, 192
Decimal	12107963
CIELab	76.97, -3.70, 1.55
CIELCh	77, 4.007, 157.273
Yxy	51.4775, 0.3100, 0.3353
Android (android.graphics.Color)	4290298043 (0xFFB8C0BB)
YUV	189.0380, -1.0047, -4.4183
Hunter-Lab	71.7478, -7.1694, 5.2346

Details

The XYZ color **47.5864, 51.4775, 54.4418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0659, 49.1628, 55.1025**, and the grayscale version is **48.3996, 50.9201, 55.4520**.

A 20% lighter version of the original color is **85.6802, 92.1311, 98.0613**, and **22.8958, 25.0118, 26.1753** is the 20% darker color. If you saturate the color by 10%, you get **42.0640, 48.7744, 47.7542**, and if you desaturate by 10%, it is **53.8434, 54.5498, 61.7266**.

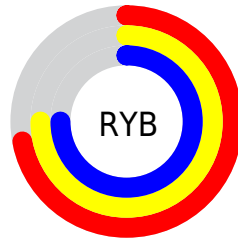
Distribution



Red (72%)

Green (75%)

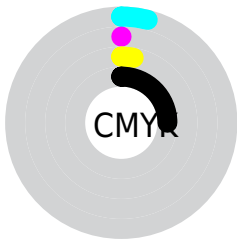
Blue (73%)



Red (72%)

Yellow (75%)

Blue (75%)

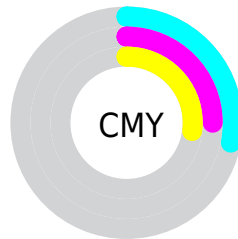


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5864, 51.4775, 54.4418 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 47.5864, 51.4775, 54.4418 by changing the saturation by 10% instead.

■ 47.5864, 51.4775,
54.4418

■ 47.5864, 51.4775,
54.4418

367.7603,
392.4161, 421.0147

■ 33.7094, 36.5888,
38.5594

■ 85.8017, 92.3602,
98.1856

■ 22.8322, 24.8893,
26.1120

110.8707,
119.1230, 126.8840

■ 14.5897, 15.9946,
16.6809

140.4010,
150.6125, 160.6915

■ 8.6164, 9.5203,
9.8477

174.7580,
187.2133, 200.0267

■ 4.5469, 5.0821,
5.1938

214.3071,
229.3096, 245.3081

■ 2.0160, 2.2955,
2.3007

259.4136,

■ 0.6429, 0.7713,

277.2860, 296.9542

0.7316

310.4429,
331.5267, 355.3835

■ 0.0000, 0.0000,
0.0000

■ 47.5864, 51.4775,
54.4418

■ 47.5864, 51.4775,
54.4418

■ 42.0640, 48.7744,
47.7542

■ 53.8434, 54.5498,
61.7266

■ 37.2443, 46.4199,
41.6455

■ 60.8568, 57.9979,
69.6195

■ 33.0993, 44.4015,
36.1013

■ 68.6528, 61.8365,
78.1357

■ 29.5976, 42.7033,
31.1053

■ 75.0877, 64.9602,
87.1871

■ 26.7051, 41.3080,
26.6405

■ 76.8814, 65.6776,
96.6322

■ 24.3843, 40.1966,
22.6890

■ 78.1407, 66.1813,
103.2636

■ 22.5936, 39.3482,
19.2317

■ 21.2852, 38.7383,
16.2486

■ 20.4018, 38.3380,
13.7177

Harmonies

Analogous

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



48.0442, 51.4775, 52.7712



47.5864, 51.4775, 54.4418



47.4862, 51.4775, 56.5841

Triad

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



47.5864, 51.4775, 54.4418



49.1139, 51.4775, 60.3245



50.1052, 51.4775, 53.5427

Complementary

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



47.5864, 51.4775, 54.4418



48.0659, 49.1628, 55.1025

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.



50.3983, 51.4775, 55.5197



47.5864, 51.4775, 54.4418



49.8222, 51.4775, 59.4624

Square

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



47.5864, 51.4775, 54.4418



48.3629, 51.4775, 60.0177



50.2942, 51.4775, 57.6901



49.4971, 51.4775, 52.2616

Rectangle

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



47.5864, 51.4775, 54.4418



47.6347, 51.4775, 57.9987



50.2942, 51.4775, 57.6901



50.2441, 51.4775, 54.1459

Sweetspot

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



47.5879, 51.4797, 54.4429



89.6496, 94.9545, 102.6850



48.5061, 51.9898, 52.8264



19.2450, 20.3769, 22.0436



92.9021, 97.7402, 106.4391



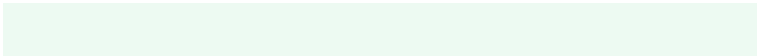
19.4759, 20.4902, 22.3138

Same Dimension

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



47.5879, 51.4797, 54.4429



85.2554, 92.7996, 97.4933



48.0151, 51.6506, 56.6931



10.5759, 11.5545, 12.0905



13.5054, 25.6962, 8.5542



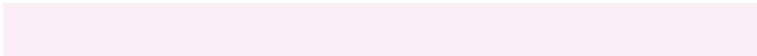
0.6170, 1.1237, 0.5461

Inverse Universe

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



48.0659, 49.1628, 55.1025



86.3045, 87.7145, 98.9409



47.6443, 48.9941, 52.8824



10.7204, 10.8539, 12.2900



16.9484, 8.4691, 12.9062



0.7648, 0.3789, 0.7289

Previews

White Background



This preview shows how the XYZ color 47.5864, 51.4775, 54.4418 looks on a white background.

Color Contrast Check

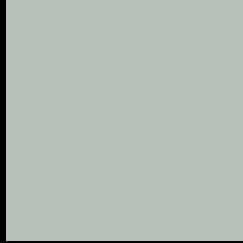
Large Text (above 18pt) WCAG AA × Fail

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 47.5864, 51.4775, 54.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

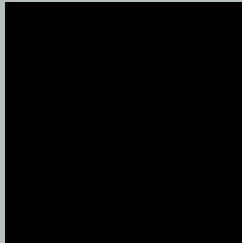
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

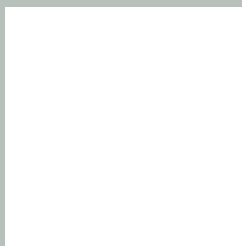
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5864, 51.4775, 54.4418

Background



This preview shows how black text looks on a background with the XYZ color 47.5864, 51.4775, 54.4418.



This preview shows how white text looks on a background with the XYZ color 47.5864, 51.4775,

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

47.5864, 51.4775, 54.4418

Protanopia

49.2027, 51.3673, 53.2206

Deuteranopia

52.3382, 51.3650, 55.3000



Tritanopia

49.5902, 51.3196, 64.4187

Trichromacy



Original Color

47.5864, 51.4775, 54.4418

Protanomaly

48.5116, 51.3192, 53.8031

Deuteranomaly

50.4006, 51.3136, 54.8251

Tritanomaly

48.8562, 51.3432, 60.7613

Monochromacy



Original Color

47.5864, 51.4775, 54.4418

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9841, 51.0225, 54.8963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5864, 51.4775, 54.4418 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(184, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 187)  
}
```

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(184, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.5864, 51.4775, 54.4418 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(184, 192, 187) }
```


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

```
.border{ border-color:rgb(184, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 192, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 192, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 192,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5864, 51.4775, 54.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 187) }
```

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

```
.background{ background-color: rgb(184,  
192, 187) }
```

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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