

Converting Colors

XYZ(47.8218, 49.8122, 58.2361)

Have a look what the booklet for
XYZ(47.8218, 49.8122, 58.2361)
contains.

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Color

**XYZ(47.7576, 49.8748,
58.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	BABBC2
RGB	186, 187, 194
RGB Percent	73%, 73%, 76%
CMY	0.2706, 0.2666, 0.2392
CMYK	0.04, 0.04, 0.00, 0.24
HSL	232°, 6%, 75%
HSV	232°, 4%, 76%
XYZ	47.7576, 49.8748, 58.1486
YIQ	187.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

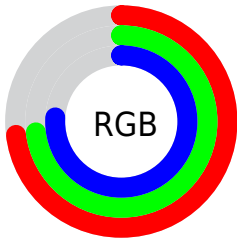
Format	Color
R _Y B	186, 187, 194
Decimal	12237762
CIE Lab	75.99, 0.98, -3.66
CIE LCh	76, 3.786, 285.033
Yxy	49.8748, 0.3066, 0.3202
Android (android.graphics.Color)	4290427842 (0xFFBABB C2)
YUV	187.4990, 3.2050, -1.3146
Hunter-Lab	70.6221, -2.8795, 0.6174

Details

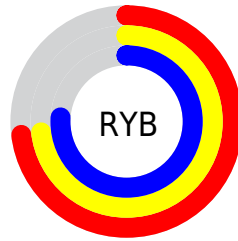
The XYZ color **47.7576, 49.8748, 58.1486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1810, 53.1538, 54.0700**, and the grayscale version is **47.5008, 49.9745, 54.4222**.

A 20% lighter version of the original color is **85.9239, 89.8806, 103.2625**, and **22.9316, 23.9302, 28.2213** is the 20% darker color. If you saturate the color by 10%, you get **39.9717, 40.8306, 56.8140**, and if you desaturate by 10%, it is **56.6116, 60.1037, 59.6571**.

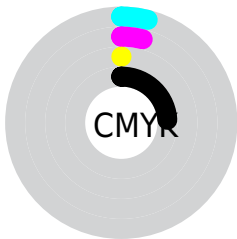
Distribution



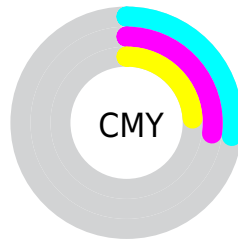
- Red (73%)
- Green (73%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7576, 49.8748, 58.1486 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 47.7576, 49.8748, 58.1486 by changing the saturation by 10% instead.

■ 47.7576, 49.8748,
58.1486

■ 47.7576, 49.8748,
58.1486

368.4291,
386.1761, 435.3531

■ 33.8454, 35.3139,
41.5126

■ 86.0553, 89.9893,
103.6561

■ 22.9372, 23.9048,
28.3971

111.1715,
116.3118, 133.3648

■ 14.6676, 15.2630,
18.3836

140.7530,
147.3236, 168.2681

■ 8.6712, 9.0042,
11.0535

175.1654,
183.4091, 208.7846

■ 4.5827, 4.7439,
5.9882

214.7738,
224.9527, 255.3328

■ 2.0368, 2.0978,
2.7692

259.9436,

■ 0.6545, 0.6634,

272.3388, 308.3312

0.9780

311.0403,
325.9518, 368.1985

■ 0.0000, 0.0000,
0.0000

■ 47.7576, 49.8748,
58.1486

■ 47.7576, 49.8748,
58.1486

■ 39.9717, 40.8306,
56.8140

■ 56.6116, 60.1037,
59.6571

■ 33.2091, 32.9221,
55.6440

■ 66.5676, 71.5515,
61.3420

■ 27.4285, 26.1061,
54.6330

■ 77.6632, 84.2588,
63.2099

■ 22.5839, 20.3344,
53.7743

■ 86.6974, 96.5945,
65.1148

■ 18.6256, 15.5548,
53.0604

■ 86.7377, 96.6751,
65.1282

■ 15.4992, 11.7111,
52.4832

■ 13.1443, 8.7409,
52.0340

■ 11.4923, 6.5743,
51.7029

■ 10.4617, 5.1302,
51.4785

Harmonies

Analogous

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



47.0546, 49.8748, 58.1498



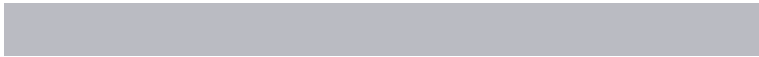
47.7576, 49.8748, 58.1486



48.3718, 49.8748, 57.1004

Triad

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



47.7576, 49.8748, 58.1486



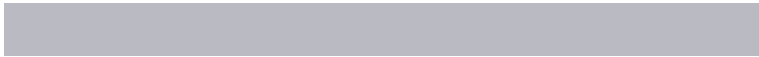
48.3707, 49.8748, 51.5997



46.1046, 49.8748, 53.3069

Complementary

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



47.7576, 49.8748, 58.1486



50.1810, 53.1538, 54.0700

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.



46.4502, 49.8748, 51.6027



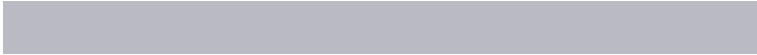
47.7576, 49.8748, 58.1486



47.7561, 49.8748, 50.6339

Square

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



47.7576, 49.8748, 58.1486



48.7282, 49.8748, 53.3027



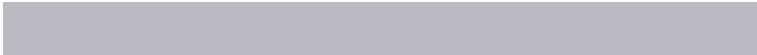
47.0531, 49.8748, 50.6350



46.1050, 49.8748, 55.3202

Rectangle

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



47.7576, 49.8748, 58.1486



48.6463, 49.8748, 55.9634



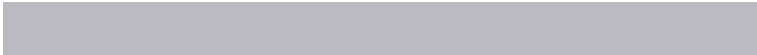
47.0531, 49.8748, 50.6350



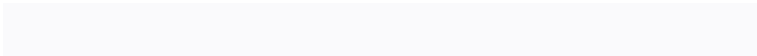
46.1840, 49.8748, 52.6800

Sweetspot

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



47.7590, 49.8769, 58.1497



91.3006, 95.8888, 106.1661



49.1604, 52.8707, 58.0279



20.0110, 21.0185, 23.2522



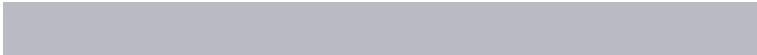
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.7590, 49.8769, 58.1497



85.0957, 88.7058, 105.1067



48.2670, 49.8239, 58.1127



10.2870, 10.7120, 12.8103



6.6549, 3.0664, 33.7977



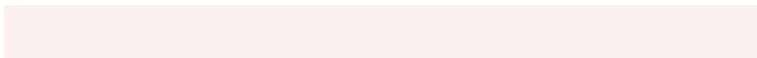
0.3217, 0.2009, 1.4717

Inverse Universe

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



48.7777, 50.1759, 54.1303



87.3560, 89.3737, 96.1876



49.6581, 53.2145, 54.1093



10.5912, 10.8023, 11.6097



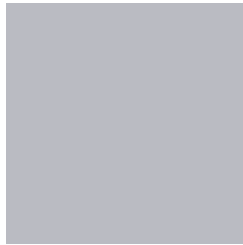
14.7551, 7.5918, 1.3563



0.6548, 0.3349, 0.1495

Previews

White Background



This preview shows how the XYZ color 47.7576, 49.8748, 58.1486 looks on a white background.

Color Contrast Check

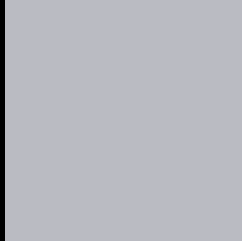
Large Text (above 18pt) WCAG AA × Fail

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 47.7576, 49.8748, 58.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

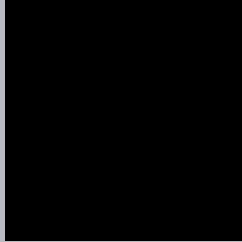
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7576, 49.8748, 58.1486

Background



This preview shows how black text looks on a background with the XYZ color 47.7576, 49.8748, 58.1486.



This preview shows how white text looks on a background with the XYZ color 47.7576, 49.8748,

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

47.7576, 49.8748, 58.1486

Protanopia

48.2828, 49.8317, 58.1126

Deuteranopia

50.9354, 49.9526, 58.5870



Tritanopia

48.5950, 49.8997, 62.3287

Trichromacy



Original Color

47.7576, 49.8748, 58.1486

Protanomaly

48.0355, 49.7042, 58.1011

Deuteranomaly

49.7558, 49.9569, 58.6500

Tritanomaly

48.2455, 49.7598, 60.4879

Monochromacy



Original Color

47.7576, 49.8748, 58.1486

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.7710, 50.2489, 55.8964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7576, 49.8748, 58.1486 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(186, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 194)  
}
```

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(186, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.7576, 49.8748, 58.1486 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(186, 187, 194) }
```


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

```
.border{ border-color:rgb(186, 187, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7576, 49.8748, 58.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 194) }
```

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

```
.background{ background-color: rgb(186,  
187, 194) }
```

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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