

Converting Colors

XYZ(47.9998, 50.3583, 58.2300)

Have a look what the booklet for
XYZ(47.9998, 50.3583, 58.2300)
contains.

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Color

**XYZ(47.9705, 50.3006,
58.2196)**

Conversions

Conversions Part 1

Format	Color
Hex	BABCC2
RGB	186, 188, 194
RGB Percent	73%, 74%, 76%
CMY	0.2706, 0.2627, 0.2392
CMYK	0.04, 0.03, 0.00, 0.24
HSL	225°, 6%, 75%
HSV	225°, 4%, 76%
XYZ	47.9705, 50.3006, 58.2196
YIQ	188.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

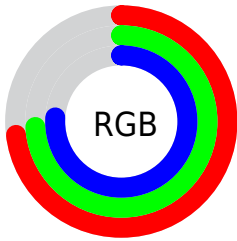
Format	Color
R _Y B	186, 188, 194
Decimal	12238018
CIE Lab	76.25, 0.45, -3.27
CIE LCh	76, 3.303, 277.772
Yxy	50.3006, 0.3065, 0.3214
Android (android.graphics.Color)	4290428098 (0xFFBABC2)
YUV	188.0860, 2.9156, -1.8294
Hunter-Lab	70.9229, -3.3821, 0.9757

Details

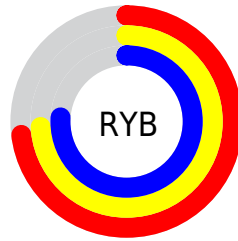
The XYZ color **47.9705, 50.3006, 58.2196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9607, 52.7131, 53.9965**, and the grayscale version is **47.8353, 50.3264, 54.8055**.

A 20% lighter version of the original color is **86.2240, 90.4807, 103.3625**, and **23.0705, 24.2079, 28.2676** is the 20% darker color. If you saturate the color by 10%, you get **40.6224, 42.1320, 57.0310**, and if you desaturate by 10%, it is **56.2745, 59.4295, 59.5447**.

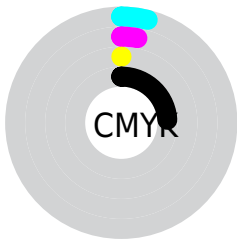
Distribution



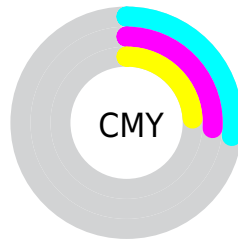
- Red (73%)
- Green (74%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9705, 50.3006, 58.2196 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 47.9705, 50.3006, 58.2196 by changing the saturation by 10% instead.

■ 47.9705, 50.3006,
58.2196

■ 47.9705, 50.3006,
58.2196

369.2597,
387.8403, 435.6248

■ 34.0147, 35.6523,
41.5694

■ 86.3704, 90.6201,
103.7605

■ 23.0678, 24.1658,
28.4412

111.5453,
117.0601, 133.4883

■ 14.7646, 15.4566,
18.4166

141.1905,
148.1994, 168.4122

■ 8.7396, 9.1405,
11.0769

175.6714,
184.4225, 208.9510

■ 4.6274, 4.8329,
6.0038

215.3535,
226.1138, 255.5231

■ 2.0629, 2.1496,
2.7786

260.6020,

■ 0.6689, 0.6923,

273.6576, 308.5471

0.9827

311.7823,
327.4383, 368.4415

■ 0.0000, 0.0000,
0.0000

■ 47.9705, 50.3006,
58.2196

■ 47.9705, 50.3006,
58.2196

■ 40.6224, 42.1320,
57.0310

■ 56.2745, 59.4295,
59.5447

■ 34.1909, 34.8856,
55.9712

■ 65.5630, 69.5423,
61.0072

■ 28.6405, 28.5301,
55.0370

■ 75.8688, 80.6700,
62.6118

■ 23.9318, 23.0301,
54.2236

■ 83.9862, 91.1720,
64.2111

■ 20.0219, 18.3476,
53.5259

■ 86.7377, 96.6751,
65.1283

■ 16.8644, 14.4416,
52.9384

■ 14.4076, 11.2674,
52.4552

■ 12.5927, 8.7751,
52.0698

■ 11.3504, 6.9077,
51.7748

Harmonies

Analogous

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



47.3599, 50.3006, 57.9884



47.9705, 50.3006, 58.2196



48.5427, 50.3006, 57.5104

Triad

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



47.9705, 50.3006, 58.2196



48.7572, 50.3006, 52.7053



46.7148, 50.3006, 53.4881

Complementary

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



47.9705, 50.3006, 58.2196



49.9607, 52.7131, 53.9965

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.



47.0832, 50.3006, 52.1157



47.9705, 50.3006, 58.2196



48.2613, 50.3006, 51.6706

Square

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



47.9705, 50.3006, 58.2196



48.9994, 50.3006, 54.3087



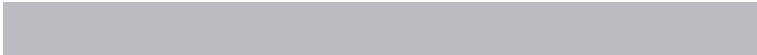
47.6483, 50.3006, 51.4571



46.6384, 50.3006, 55.2315

Rectangle

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



47.9705, 50.3006, 58.2196



48.8242, 50.3006, 56.6087



47.6483, 50.3006, 51.4571



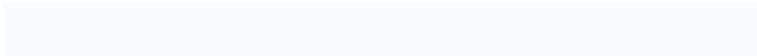
46.8084, 50.3006, 52.9692

Sweetspot

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



47.9719, 50.3027, 58.2207



91.3989, 96.0854, 106.1989



49.0419, 52.8233, 57.4036



20.0315, 21.0594, 23.2590



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.



47.9719, 50.3027, 58.2207



85.5658, 89.6461, 105.2634



48.0034, 49.6880, 58.1004



10.3501, 10.8382, 12.8313



7.1687, 4.0939, 33.9690



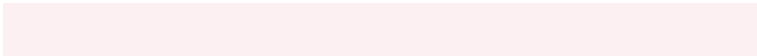
0.3667, 0.2908, 1.4867

Inverse Universe

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



48.8852, 50.2189, 54.6962



87.5933, 89.4686, 97.4373



49.9275, 53.3534, 54.1219



10.6231, 10.8150, 11.7775



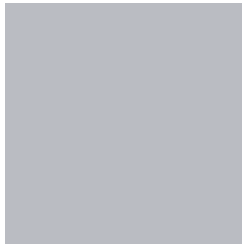
15.0144, 7.6955, 2.7219



0.6775, 0.3440, 0.2691

Previews

White Background



This preview shows how the XYZ color 47.9705, 50.3006, 58.2196 looks on a white background.

Color Contrast Check

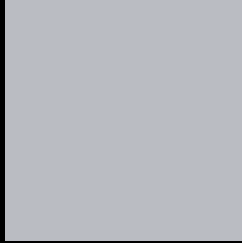
Large Text (above 18pt) WCAG AA × Fail

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 47.9705, 50.3006, 58.2196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

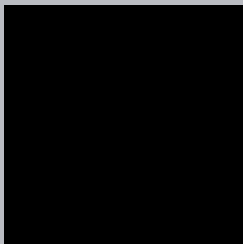
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

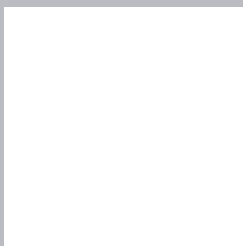
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9705, 50.3006, 58.2196

Background



This preview shows how black text looks on a background with the XYZ color 47.9705, 50.3006, 58.2196.

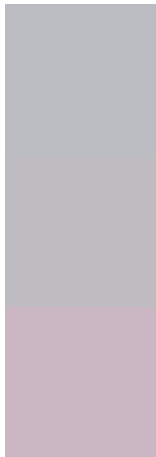


This preview shows how white text looks on a background with the XYZ color 47.9705, 50.3006,

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

47.9705, 50.3006, 58.2196

Protanopia

48.6312, 50.3381, 57.6052

Deuteranopia

51.2069, 50.0925, 58.5997



Tritanopia

48.9245, 50.3697, 63.0208

Trichromacy



Original Color

47.9705, 50.3006, 58.2196

Protanomaly

48.3822, 50.2097, 57.5935

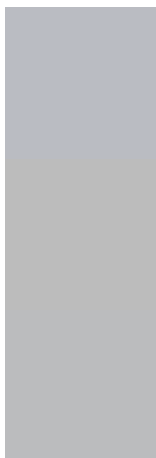
Deuteranomaly

50.0168, 50.0914, 58.6622

Tritanomaly

48.5726, 50.2290, 61.1679

Monochromacy



Original Color

47.9705, 50.3006, 58.2196

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 47.9705, 50.3006, 58.2196 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, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 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, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.9705, 50.3006, 58.2196 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, 188, 194) }
```


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

```
.border{ border-color:rgb(186, 188, 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, 188, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 188,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9705, 50.3006, 58.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 194) }
```

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

```
.background{ background-color: rgb(186,  
188, 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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