

Converting Colors

XYZ(49.1693, 50.1986, 47.6561)

Have a look what the booklet for
XYZ(49.1693, 50.1986, 47.6561)
contains.

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Color

**XYZ(49.1742, 50.2106,
47.6573)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B9AF
RGB	201, 185, 175
RGB Percent	79%, 73%, 69%
CMY	0.2118, 0.2745, 0.3137
CMYK	0.00, 0.08, 0.13, 0.21
HSL	23°, 19%, 74%
HSV	23°, 13%, 79%
XYZ	49.1742, 50.2106, 47.6573
YIQ	188.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

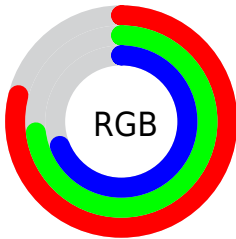
Format	Color
R_{YB}	201, 191, 175
Decimal	13220271
CIE Lab	76.20, 3.99, 7.11
CIE LCh	76, 8.152, 60.726
Yxy	50.2106, 0.3344, 0.3415
Android (android.graphics.Color)	4291410351 (0xFFC9B9AF)
YUV	188.6440, -6.7265, 10.8362
Hunter-Lab	70.8594, -0.1307, 9.7255

Details

The XYZ color **49.1742, 50.2106, 47.6573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8523, 50.5915, 62.5545**, and the grayscale version is **48.1997, 50.7098, 55.2230**.

A 20% lighter version of the original color is **87.1191, 89.9401, 88.3698**, and **23.8590, 24.1356, 22.1400** is the 20% darker color. If you saturate the color by 10%, you get **44.8701, 44.5296, 37.1971**, and if you desaturate by 10%, it is **54.0000, 56.4636, 59.7424**.

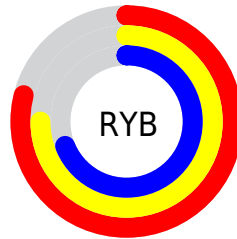
Distribution



Red (79%)

Green (73%)

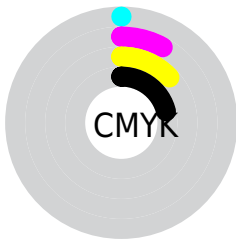
Blue (69%)



Red (79%)

Yellow (75%)

Blue (69%)

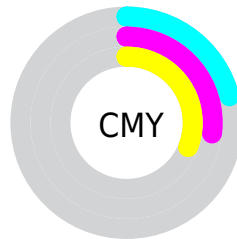


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (21%)



Cyan (21%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1742, 50.2106, 47.6573 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 49.1742, 50.2106, 47.6573 by changing the saturation by 10% instead.


 49.1742, 50.2106,
47.6573

 49.1742, 50.2106,
47.6573


373.9333,
387.4889, 393.9016

 34.9728, 35.5808,
33.1975

 88.1493, 90.4868,
88.0542

 23.8083, 24.1106,
22.0054


113.6537,
116.9020, 114.8283

 15.3155, 15.4157,
13.6625


143.6564,
148.0144, 146.5444

 9.1288, 9.1116,
7.7503

178.5229,
184.2085, 183.6208

 4.8831, 4.8141,
3.8501

218.6185,
225.8686, 226.4762

 2.2129, 2.1386,
1.5435

264.3085,

 0.7495, 0.6862,

273.3791, 275.5291

0.2500

315.9583,
327.1244, 331.1981

■ 0.0000, 0.0000,
0.0000

■ 49.1742, 50.2106,
47.6573

■ 49.1742, 50.2106,
47.6573

■ 44.8701, 44.5296,
37.1971

■ 54.0000, 56.4636,
59.7424

■ 41.0649, 39.3975,
28.2885

■ 59.3611, 63.2979,
73.5149

■ 37.7401, 34.7990,
20.8574

■ 65.2754, 70.7309,
89.0379

■ 34.8746, 30.7156,
14.8223

■ 71.6944, 78.7512,
106.0295

■ 32.4451, 27.1279,
10.0936

■ 75.3482, 86.0590,
107.2475

■ 30.4264, 24.0147,
6.5713

■ 77.8976, 91.1576,
108.0973

■ 28.7898, 21.3530,
4.1404

■ 27.5020, 19.1174,
2.6632

■ 26.7652, 17.7728,
2.0198

Harmonies

Analogous

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



50.2930, 50.2106, 50.4850



49.1742, 50.2106, 47.6573



47.6865, 50.2106, 46.6844

Triad

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



49.1742, 50.2106, 47.6573



44.8469, 50.2106, 54.7775



49.2400, 50.2106, 62.2244

Complementary

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



49.1742, 50.2106, 47.6573



46.8523, 50.5915, 62.5545

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.



47.7609, 50.2106, 63.5197



49.1742, 50.2106, 47.6573



45.2433, 50.2106, 59.0818

Square

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



49.1742, 50.2106, 47.6573



45.2074, 50.2106, 50.6603



46.3019, 50.2106, 62.3407



50.3316, 50.2106, 58.8876

Rectangle

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



49.1742, 50.2106, 47.6573



46.6918, 50.2106, 47.1755



46.3019, 50.2106, 62.3407



48.7706, 50.2106, 62.9208

Sweetspot

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



49.1756, 50.2128, 47.6584



91.4815, 95.4216, 99.8228



48.8255, 46.8412, 55.7778



19.4408, 20.2438, 21.0122



0.0000, 0.0000, 0.0000



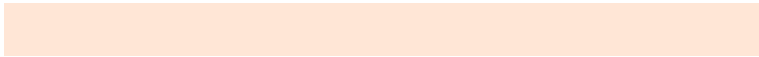
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1756, 50.2128, 47.6584



81.6717, 82.6624, 75.4032



52.0122, 55.8860, 48.6039



10.9629, 11.2949, 11.1651



16.9114, 11.3399, 1.2975



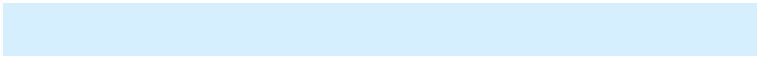
0.8706, 0.6767, 0.0847

Inverse Universe

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



46.8523, 50.5915, 62.5545



76.7948, 83.4560, 106.6688



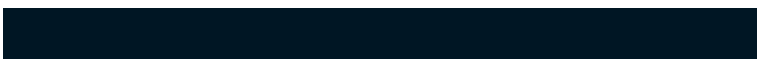
44.1495, 45.1858, 61.6535



10.5908, 11.3556, 13.5511



11.2250, 11.8440, 36.4388



0.6001, 0.6980, 1.7482

Previews

White Background



This preview shows how the XYZ color 49.1742, 50.2106, 47.6573 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 49.1742, 50.2106, 47.6573 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 49.1742, 50.2106, 47.6573

Background



This preview shows how black text looks on a background with the XYZ color 49.1742, 50.2106, 47.6573.



This preview shows how white text looks on a background with the XYZ color 49.1742, 50.2106,

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

49.1742, 50.2106, 47.6573

Protanopia

47.8549, 50.1446, 48.2309

Deuteranopia

51.2243, 50.0312, 48.0315



Tritanopia

51.5936, 50.2788, 59.2101

Trichromacy



Original Color

49.1742, 50.2106, 47.6573

Protanomaly

48.4213, 50.1227, 48.1969

Deuteranomaly

50.2965, 49.8559, 48.0465

Tritanomaly

50.6392, 50.1943, 54.5965

Monochromacy



Original Color

49.1742, 50.2106, 47.6573

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.6273, 50.7646, 52.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1742, 50.2106, 47.6573 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(201, 185, 175) looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 175)  
}
```

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(201, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 175) }
```

Border

The CSS property to change the border of an element to XYZ 49.1742, 50.2106, 47.6573 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(201, 185, 175) }
```


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

```
.border{ border-color:rgb(201, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1742, 50.2106, 47.6573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 175) }
```

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

```
.background{ background-color: rgb(201,  
185, 175) }
```

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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