

Converting Colors

XYZ(47.0586, 47.9452, 50.0799)

Have a look what the booklet for
XYZ(47.0586, 47.9452, 50.0799)
contains.

XYZ(47.0102, 47.8124, 49.9310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.0102, 47.8124,
49.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B5B4
RGB	194, 181, 180
RGB Percent	76%, 71%, 71%
CMY	0.2392, 0.2902, 0.2941
CMYK	0.00, 0.07, 0.07, 0.24
HSL	4°, 10%, 73%
HSV	4°, 7%, 76%
XYZ	47.0102, 47.8124, 49.9310
YIQ	184.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

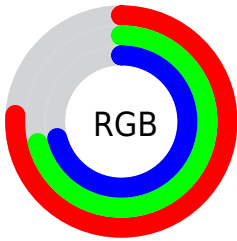
Format	Color
RYB	194, 181, 180
Decimal	12760500
CIELab	74.71, 4.44, 2.16
CIELCh	75, 4.938, 25.954
Yxy	47.8124, 0.3248, 0.3303
Android (android.graphics.Color)	4290950580 (0xFFC2B5B4)
YUV	184.7730, -2.3531, 8.0921
Hunter-Lab	69.1465, 0.3493, 5.5890

Details

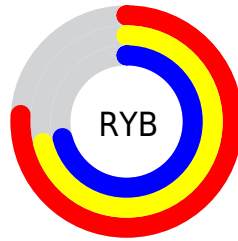
The XYZ color **47.0102, 47.8124, 49.9310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6297, 51.7372, 58.5153**, and the grayscale version is **45.9986, 48.3941, 52.7012**.

A 20% lighter version of the original color is **85.2082, 87.1337, 91.6844**, and **22.3652, 22.5461, 23.2517** is the 20% darker color. If you saturate the color by 10%, you get **41.7426, 40.2214, 39.0975**, and if you desaturate by 10%, it is **53.0305, 56.4650, 62.3813**.

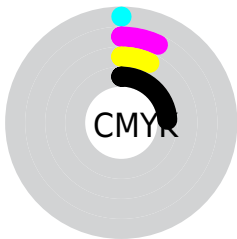
Distribution



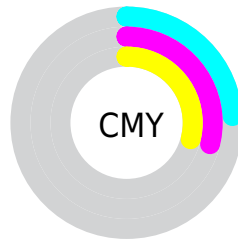
- Red (76%)
- Green (71%)
- Blue (71%)



- Red (76%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0102, 47.8124, 49.9310 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 47.0102, 47.8124, 49.9310 by changing the saturation by 10% instead.

■ 47.0102, 47.8124,
49.9310

■ 47.0102, 47.8124,
49.9310

365.5035,
378.0480, 403.1234

■ 33.2517, 33.6783,
34.9878

■ 84.9475, 86.9250,
91.4679

■ 22.4795, 22.6466,
23.3700

109.8570,
112.6724, 118.8986

■ 14.3282, 14.3328,
14.6591

139.2142,
143.0596, 151.3290

■ 8.4325, 8.3525,
8.4365

173.3845,
178.4712, 189.1774

■ 4.4271, 4.3213,
4.2838

212.7332,
219.2914, 232.8626

■ 1.9465, 1.8549,
1.7823

257.6257,

■ 0.6036, 0.5210,

265.9047, 282.8029

0.4162

308.4274,
318.6954, 339.4170

■ 0.0000, 0.0000,
0.0000

■ 47.0102, 47.8124,
49.9310

■ 47.0102, 47.8124,
49.9310

■ 41.7426, 40.2214,
39.0975

■ 53.0305, 56.4650,
62.3813

■ 37.1943, 33.6451,
29.8116

■ 59.8273, 66.2113,
76.5077

■ 33.3352, 28.0424,
22.0035

■ 67.4283, 77.0898,
92.3702

■ 30.1317, 23.3671,
15.5971

■ 75.4369, 88.9666,
107.8041

■ 27.5472, 19.5690,
10.5091

■ 76.0583, 90.2094,
108.0112

■ 25.5416, 16.5934,
6.6478

■ 24.0701, 14.3794,
3.9096

■ 23.0811, 12.8576,
2.1737

■ 22.5095, 11.9443,
1.2742

Harmonies

Analogous

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



47.1837, 47.8124, 52.4083



47.0102, 47.8124, 49.9310



46.4151, 47.8124, 48.0793

Triad

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



47.0102, 47.8124, 49.9310



44.0323, 47.8124, 49.3471



45.3229, 47.8124, 57.1354

Complementary

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



47.0102, 47.8124, 49.9310



47.6297, 51.7372, 58.5153

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.



44.4870, 47.8124, 56.2536



47.0102, 47.8124, 49.9310



43.7481, 47.8124, 51.7124

Square

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



47.0102, 47.8124, 49.9310



44.6948, 47.8124, 47.7501



43.9135, 47.8124, 54.2478



46.2020, 47.8124, 56.6209

Rectangle

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



47.0102, 47.8124, 49.9310



45.8635, 47.8124, 47.4205



43.9135, 47.8124, 54.2478



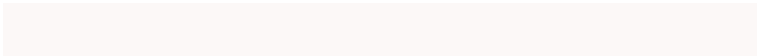
45.0276, 47.8124, 56.9917

Sweetspot

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



47.0115, 47.8145, 49.9320



90.6531, 94.5089, 101.7846



48.2030, 47.9657, 57.2093



19.8760, 20.7308, 22.3392



0.0000, 0.0000, 0.0000



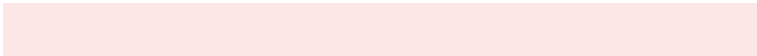
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0115, 47.8145, 49.9320



83.2293, 83.8301, 86.4581



48.4559, 50.7032, 50.4135



10.1299, 10.1913, 10.4951



14.7532, 7.7921, 0.7265



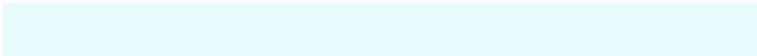
0.6578, 0.3774, 0.0382

Inverse Universe

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



47.6297, 51.7372, 58.5153



84.6298, 92.7178, 105.9057



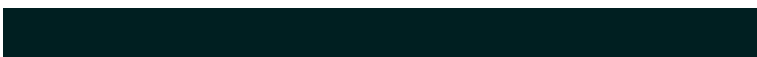
46.1335, 48.7449, 58.0166



10.3048, 11.3008, 12.9230



17.1707, 24.0980, 37.3030



0.7607, 1.0788, 1.6180

Previews

White Background



This preview shows how the XYZ color 47.0102, 47.8124, 49.9310 looks on a white background.

Color Contrast Check

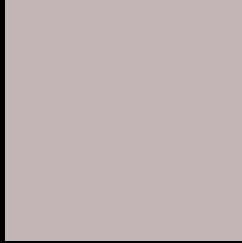
Large Text (above 18pt) WCAG AA × Fail

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 47.0102, 47.8124, 49.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

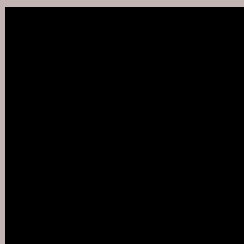
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

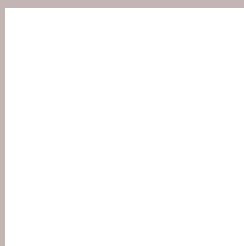
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0102, 47.8124, 49.9310

Background



This preview shows how black text looks on a background with the XYZ color 47.0102, 47.8124, 49.9310.



This preview shows how white text looks on a background with the XYZ color 47.0102, 47.8124,

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

47.0102, 47.8124, 49.9310

Protanopia

46.0130, 47.8945, 50.5355

Deuteranopia

48.8895, 47.8735, 50.3798



Tritanopia

48.5107, 47.8262, 57.1267

Trichromacy



Original Color

47.0102, 47.8124, 49.9310

Protanomaly

46.3036, 47.7392, 50.4902

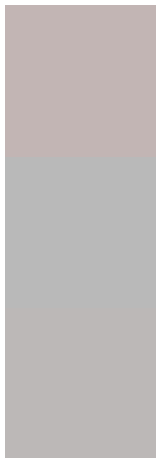
Deuteranomaly

48.2800, 47.8558, 50.4085

Tritanomaly

47.9040, 47.8755, 54.2930

Monochromacy



Original Color

47.0102, 47.8124, 49.9310

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4268, 48.3912, 51.6932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0102, 47.8124, 49.9310 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(194, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 180)  
}
```

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(194, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 180) }
```

Border

The CSS property to change the border of an element to XYZ 47.0102, 47.8124, 49.9310 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(194, 181, 180) }
```


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

```
.border{ border-color:rgb(194, 181, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0102, 47.8124, 49.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 180) }
```

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

```
.background{ background-color: rgb(194,  
181, 180) }
```

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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