

Converting Colors

XYZ(46.1949, 46.9909, 40.8178)

Have a look what the booklet for
XYZ(46.1949, 46.9909, 40.8178)
contains.

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Color

**XYZ(46.1949, 46.9909,
40.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B3A2
RGB	199, 179, 162
RGB Percent	78%, 70%, 64%
CMY	0.2196, 0.2980, 0.3647
CMYK	0.00, 0.10, 0.19, 0.22
HSL	28°, 25%, 71%
HSV	28°, 19%, 78%
XYZ	46.1949, 46.9909, 40.8178
YIQ	183.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

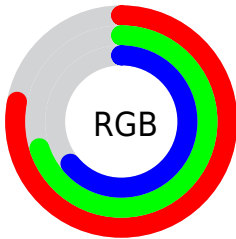
Format	Color
R_{YB}	199, 193, 162
Decimal	13087650
CIE _{Lab}	74.18, 4.39, 11.28
CIE _{LCh}	74, 12.106, 68.721
Yxy	46.9909, 0.3447, 0.3507
Android (android.graphics.Color)	4291277730 (0xFFC7B3A2)
YUV	183.0420, -10.3737, 13.9952
Hunter-Lab	68.5499, 0.3265, 12.6809

Details

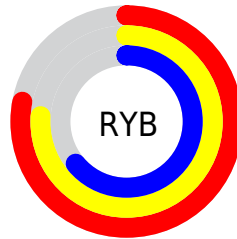
The XYZ color **46.1949, 46.9909, 40.8178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9369, 45.2599, 60.5591**, and the grayscale version is **45.0822, 47.4300, 51.6513**.

A 20% lighter version of the original color is **83.4727, 85.6864, 77.7853**, and **21.9524, 22.0672, 17.8542** is the 20% darker color. If you saturate the color by 10%, you get **42.4923, 42.1959, 31.5361**, and if you desaturate by 10%, it is **50.3481, 52.2384, 51.6320**.

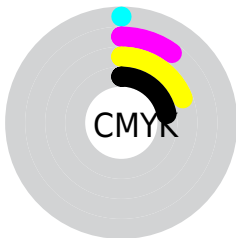
Distribution



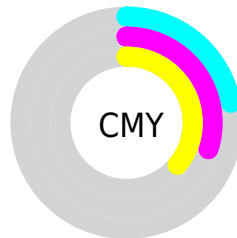
- Red (78%)
- Green (70%)
- Blue (64%)



- Red (78%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1949, 46.9909, 40.8178 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 46.1949, 46.9909, 40.8178 by changing the saturation by 10% instead.


 46.1949, 46.9909,
40.8178


 46.1949, 46.9909,
40.8178

362.2945,
374.7782, 365.2126

 32.6049, 33.0285,
27.8581


 83.7367, 85.7000,
77.6579

 21.9817, 22.1482,
17.9806

 108.4192,
111.2155, 102.3754

 13.9600, 13.9659,
10.7668


137.5299,
141.3508, 131.8492

 8.1744, 8.0969,
5.7980

171.4343,
176.4903, 166.4980

 4.2595, 4.1570,
2.6559

210.4975,
217.0184, 206.7401

 1.8499, 1.7618,
0.9211

255.0851,

 0.5475, 0.4632,

263.3195, 252.9943

0.0000

305.5623,
315.7780, 305.6789

■ 0.0000, 0.0000,
0.0000

■ 46.1949, 46.9909,
40.8178

■ 46.1949, 46.9909,
40.8178

■ 42.4923, 42.1959,
31.5361

■ 50.3481, 52.2384,
51.6320

■ 39.2196, 37.8342,
23.7134

■ 54.9642, 57.9443,
64.0414

■ 36.3600, 33.8942,
17.2747

■ 60.0595, 64.1226,
78.1091

■ 33.8938, 30.3617,
12.1369

■ 65.6483, 70.7845,
93.8938

■ 31.7996, 27.2212,
8.2080

■ 70.6798, 77.5150,
105.8444

■ 30.0533, 24.4559,
5.3838

■ 73.8140, 83.7834,
106.8891

■ 28.6273, 22.0474,
3.5417

■ 77.1369, 90.4292,
107.9968

■ 27.4801, 19.9711,
2.4869

■ 77.3634, 90.8822,
108.0723

■ 27.3333, 19.7020,
2.3622

Harmonies

Analogous

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



47.9987, 46.9909, 44.0479



46.1949, 46.9909, 40.8178



44.0337, 46.9909, 40.2387

Triad

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



46.1949, 46.9909, 40.8178



40.6646, 46.9909, 52.9986



47.3248, 46.9909, 61.0665

Complementary

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



46.1949, 46.9909, 40.8178



41.9369, 45.2599, 60.5591

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.



45.2991, 46.9909, 63.9095



46.1949, 46.9909, 40.8178



41.4864, 46.9909, 59.0104

Square

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



46.1949, 46.9909, 40.8178



40.8869, 46.9909, 46.9497



43.1662, 46.9909, 63.1281



48.6656, 46.9909, 55.6256

Rectangle

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



46.1949, 46.9909, 40.8178



42.6881, 46.9909, 41.3843



43.1662, 46.9909, 63.1281



46.6988, 46.9909, 62.3769

Sweetspot

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



46.1962, 46.9930, 40.8188



90.1023, 93.8907, 95.5784



44.9538, 41.3753, 50.0633



19.1743, 19.9580, 20.1609



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.



46.1962, 46.9930, 40.8188



78.3763, 79.0571, 65.1006



50.0756, 54.7520, 42.1120



11.0288, 11.4267, 11.1870



17.6613, 12.8398, 1.5475



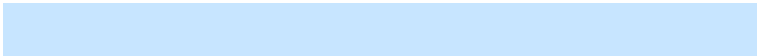
0.9085, 0.7524, 0.0973

Inverse Universe

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



41.9369, 45.2599, 60.5591



69.6566, 75.5082, 105.5110



38.4583, 38.3028, 59.3996



10.5235, 11.2212, 13.5287



10.1350, 9.6639, 36.0755



0.5517, 0.6013, 1.7321

Previews

White Background



This preview shows how the XYZ color 46.1949, 46.9909, 40.8178 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 46.1949, 46.9909, 40.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

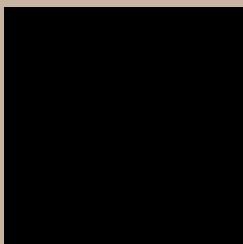
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

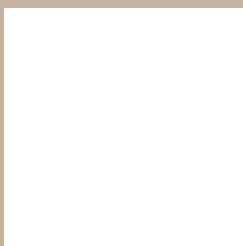
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1949, 46.9909, 40.8178

Background



This preview shows how black text looks on a background with the XYZ color 46.1949, 46.9909, 40.8178.



This preview shows how white text looks on a background with the XYZ color 46.1949, 46.9909,

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

46.1949, 46.9909, 40.8178

Protanopia

44.6640, 47.0834, 41.8559

Deuteranopia

47.8683, 46.9604, 41.1917



Tritanopia

48.8724, 46.8906, 54.6191

Trichromacy



Original Color

46.1949, 46.9909, 40.8178

Protanomaly

45.1271, 47.0295, 41.3495

Deuteranomaly

47.2348, 46.9260, 41.2184

Tritanomaly

47.7494, 46.7228, 49.1496

Monochromacy



Original Color

46.1949, 46.9909, 40.8178

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4521, 47.3699, 47.3052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1949, 46.9909, 40.8178 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(199, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 162)  
}
```

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(199, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.1949, 46.9909, 40.8178 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(199, 179, 162) }
```


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

```
.border{ border-color:rgb(199, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1949, 46.9909, 40.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 162) }
```

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

```
.background{ background-color: rgb(199,  
179, 162) }
```

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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