

Converting Colors

XYZ(49.0591, 46.2770, 36.3847)

Have a look what the booklet for
XYZ(49.0591, 46.2770, 36.3847)
contains.

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Color

**XYZ(48.9280, 46.1774,
36.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AB99
RGB	217, 171, 153
RGB Percent	85%, 67%, 60%
CMY	0.1490, 0.3294, 0.4000
CMYK	0.00, 0.21, 0.29, 0.15
HSL	17°, 46%, 73%
HSV	17°, 29%, 85%
XYZ	48.9280, 46.1774, 36.4713
YIQ	182.7020, 33.1940, 4.1540

Conversions

Conversions Part 2

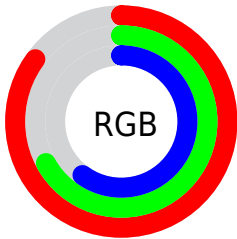
Format	Color
RYB	217, 178, 153
Decimal	14265241
CIELab	73.66, 14.25, 15.69
CIELCh	74, 21.198, 47.745
Yxy	46.1774, 0.3719, 0.3510
Android (android.graphics.Color)	4292455321 (0xFFD9AB99)
YUV	182.7020, -14.6431, 30.0793
Hunter-Lab	67.9540, 9.6036, 15.7465

Details

The XYZ color **48.9280, 46.1774, 36.4713** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0842, 52.6275, 73.3753**, and the grayscale version is **44.9124, 47.2513, 51.4567**.

A 20% lighter version of the original color is **79.6988, 80.1577, 70.3029**, and **23.6930, 21.7300, 15.5159** is the 20% darker color. If you saturate the color by 10%, you get **44.5223, 39.9780, 26.9499**, and if you desaturate by 10%, it is **54.0097, 53.2067, 47.8271**.

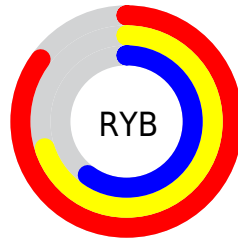
Distribution



Red (85%)

Green (67%)

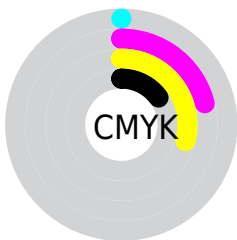
Blue (60%)



Red (85%)

Yellow (70%)

Blue (60%)

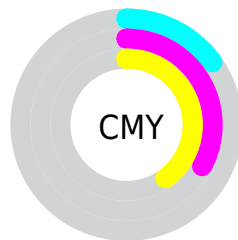


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9280, 46.1774, 36.4713 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 48.9280, 46.1774, 36.4713 by changing the saturation by 10% instead.

 48.9280, 46.1774,
36.4713


 48.9280, 46.1774,
36.4713


372.9805,
371.5214, 346.1154

 34.7767, 32.3858,
24.5058


 87.7859, 84.4844,
70.9361

 23.6566, 21.6564,
15.4936


 113.2231,
109.7687, 94.2725

 15.2024, 13.6046,
9.0161


143.1531,
139.6526, 122.2363

 9.0488, 7.8462,
4.6547

177.9410,
174.5206, 155.2461

 4.8304, 3.9967,
1.9910

217.9524,
214.7571, 193.7203

 2.1818, 1.6717,
0.5497

263.5525,

 0.7331, 0.4052,

260.7465, 238.0776

0.0000

315.1068,
312.8731, 288.7364

■ 0.0000, 0.0000,
0.0000

■ 48.9280, 46.1774,
36.4713

■ 48.9280, 46.1774,
36.4713

■ 44.5223, 39.9780,
26.9499

■ 54.0097, 53.2067,
47.8271

■ 40.7592, 34.5708,
19.1629

■ 59.7916, 61.0888,
61.1044

■ 37.6079, 29.9249,
13.0050

■ 66.3010, 69.8539,
76.3880

■ 35.0333, 26.0046,
8.3583

■ 73.5628, 79.5286,
93.7569

■ 32.9963, 22.7710,
5.0887

■ 80.5358, 89.7125,
107.6793

■ 31.4523, 20.1813,
3.0379

■ 82.4254, 93.4918,
108.3092

■ 30.3352, 18.1817,
1.9422

■ 30.2866, 18.0941,
1.8962

Harmonies

Analogous

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



51.1344, 46.1774, 44.2351



48.9280, 46.1774, 36.4713



45.4412, 46.1774, 32.6544

Triad

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



48.9280, 46.1774, 36.4713



37.2042, 46.1774, 46.0154



46.1284, 46.1774, 72.6639

Complementary

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



48.9280, 46.1774, 36.4713



46.0842, 52.6275, 73.3753

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.



42.3750, 46.1774, 73.3213



48.9280, 46.1774, 36.4713



37.3647, 46.1774, 56.8505

Square

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



48.9280, 46.1774, 36.4713



38.7588, 46.1774, 37.6139



39.2107, 46.1774, 67.1950



49.4557, 46.1774, 65.5097

Rectangle

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



48.9280, 46.1774, 36.4713



42.9241, 46.1774, 32.4429



39.2107, 46.1774, 67.1950



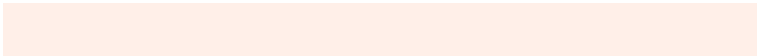
44.8707, 46.1774, 73.6854

Sweetspot

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



48.9292, 46.1795, 36.4722



86.5347, 88.5333, 88.9089



50.4245, 41.7017, 59.9948



18.2449, 18.5743, 18.3869



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.



48.9292, 46.1795, 36.4722



66.6997, 61.2034, 44.2543



55.5017, 59.3244, 38.6631



13.3528, 13.6449, 13.6555



18.4113, 11.1082, 1.1737



1.2650, 0.8641, 0.1001

Inverse Universe

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



46.0842, 52.6275, 73.3753



61.9905, 71.8339, 105.2058



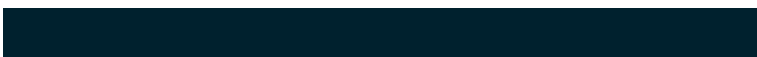
39.6521, 39.7633, 71.2312



13.1192, 14.1781, 16.6973



14.8672, 17.6038, 42.3527



1.0347, 1.2835, 2.7677

Previews

White Background



This preview shows how the XYZ color 48.9280, 46.1774, 36.4713 looks on a white background.

Color Contrast Check

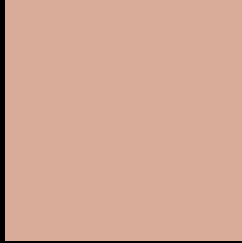
Large Text (above 18pt) WCAG AA × Fail

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 48.9280, 46.1774, 36.4713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

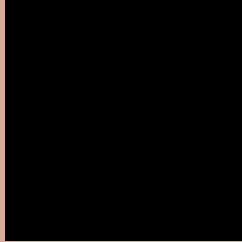
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9280, 46.1774, 36.4713

Background



This preview shows how black text looks on a background with the XYZ color 48.9280, 46.1774, 36.4713.



This preview shows how white text looks on a background with the XYZ color 48.9280, 46.1774,

36.4713.

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

48.9280, 46.1774, 36.4713

Protanopia

43.9306, 46.4635, 39.0007

Deuteranopia

47.0980, 46.0944, 36.1205



Tritanopia

51.5721, 46.1484, 49.3694

Trichromacy



Original Color

48.9280, 46.1774, 36.4713

Protanomaly

45.5423, 46.1239, 37.9550

Deuteranomaly

47.7624, 46.1512, 36.0965

Tritanomaly

50.4717, 45.9676, 44.2427

Monochromacy



Original Color

48.9280, 46.1774, 36.4713

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.0722, 46.8209, 45.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9280, 46.1774, 36.4713 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(217, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 171, 153)  
}
```

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(217, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 48.9280, 46.1774, 36.4713 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(217, 171, 153) }
```


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

```
.border{ border-color:rgb(217, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9280, 46.1774, 36.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 171, 153) }
```

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

```
.background{ background-color: rgb(217,  
171, 153) }
```

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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