

Converting Colors

XYZ(46.5694, 47.9541, 40.5008)

Have a look what the booklet for
XYZ(46.5694, 47.9541, 40.5008)
contains.

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Color

**XYZ(46.7142, 48.1712,
40.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B6A1
RGB	199, 182, 161
RGB Percent	78%, 71%, 63%
CMY	0.2196, 0.2863, 0.3686
CMYK	0.00, 0.09, 0.19, 0.22
HSL	33°, 25%, 71%
HSV	33°, 19%, 78%
XYZ	46.7142, 48.1712, 40.5541
YIQ	184.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

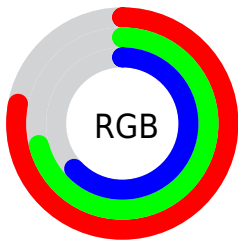
Format	Color
R_{YB}	192, 199, 161
Decimal	13088417
CIE _{Lab}	74.93, 2.63, 12.88
CIE _{LCh}	75, 13.149, 78.449
Yxy	48.1712, 0.3449, 0.3557
Android (android.graphics.Color)	4291278497 (0xFFC7B6A1)
YUV	184.6890, -11.6787, 12.5507
Hunter-Lab	69.4055, -1.3180, 13.9403

Details

The XYZ color **46.7142, 48.1712, 40.5541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.9270, 43.5406, 60.2804**, and the grayscale version is **45.9986, 48.3941, 52.7012**.

A 20% lighter version of the original color is **84.2092, 87.3669, 77.3910**, and **22.2876, 22.8244, 17.6989** is the 20% darker color. If you saturate the color by 10%, you get **43.3322, 43.9954, 31.4470**, and if you desaturate by 10%, it is **50.4940, 52.6948, 51.1729**.

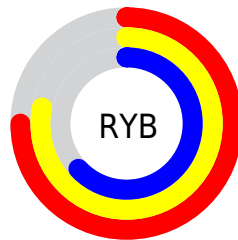
Distribution



Red (78%)

Green (71%)

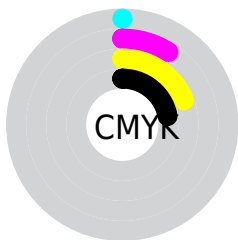
Blue (63%)



Red (75%)

Yellow (78%)

Blue (63%)

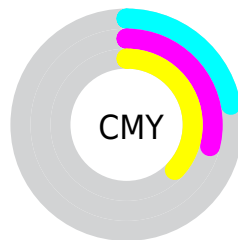


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7142, 48.1712, 40.5541 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 46.7142, 48.1712, 40.5541 by changing the saturation by 10% instead.


 46.7142, 48.1712,
40.5541


 46.7142, 48.1712,
40.5541


364.3406,
379.4703, 364.0748

 33.0168, 33.9625,
27.6538


 84.5082, 87.4592,
77.2528

 22.2986, 22.8648,
17.8281


 109.3355,
113.3074, 101.8883

 14.1943, 14.4937,
10.6585


138.6034,
143.8041, 131.2726

 8.3385, 8.4648,
5.7264

172.6774,
179.3338, 165.8242

 4.3659, 4.3938,
2.6134

211.9227,
220.2809, 205.9617

 1.9112, 1.8962,
0.8993

256.7048,

 0.5833, 0.5461,

267.0297, 252.1036

0.0000

307.3890,
319.9647, 304.6685

■ 0.0000, 0.0000,
0.0000

■ 46.7142, 48.1712,
40.5541

■ 46.7142, 48.1712,
40.5541

■ 43.3322, 43.9954,
31.4470

■ 50.4940, 52.6948,
51.1729

■ 40.3288, 40.1514,
23.7784

■ 54.6821, 57.5688,
63.3659

■ 37.6889, 36.6313,
17.4736

■ 59.2935, 62.8041,
77.1957

■ 35.3947, 33.4243,
12.4497

■ 64.3409, 68.4089,
92.7207

■ 33.4264, 30.5187,
8.6149

■ 68.9382, 74.0319,
105.2639

■ 31.7619, 27.9020,
5.8648

■ 71.4290, 79.0134,
106.0941

■ 30.3758, 25.5598,
4.0766

■ 74.0474, 84.2502,
106.9669

■ 29.2258, 23.4713,
3.0417

■ 76.7952, 89.7458,
107.8829

■ 29.1286, 23.2927,
2.9607

■ 77.3634, 90.8822,
108.0723

Harmonies

Analogous

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



48.9102, 48.1712, 43.1812



46.7142, 48.1712, 40.5541



44.3425, 48.1712, 40.9013

Triad

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



46.7142, 48.1712, 40.5541



41.5518, 48.1712, 56.7383



49.3210, 48.1712, 61.6995

Complementary

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



46.7142, 48.1712, 40.5541



40.9270, 43.5406, 60.2804

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.



47.2590, 48.1712, 65.9911



46.7142, 48.1712, 40.5541



42.7964, 48.1712, 62.9590

Square

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



46.7142, 48.1712, 40.5541



41.4174, 48.1712, 49.8518



44.8688, 48.1712, 66.4712



50.4499, 48.1712, 55.1374

Rectangle

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



46.7142, 48.1712, 40.5541



42.9794, 48.1712, 42.7790



44.8688, 48.1712, 66.4712



48.7107, 48.1712, 63.4792

Sweetspot

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



46.7155, 48.1734, 40.5551



90.5393, 94.7647, 95.7241



44.3446, 40.8509, 47.7206



19.2775, 20.1646, 20.1954



0.0000, 0.0000, 0.0000



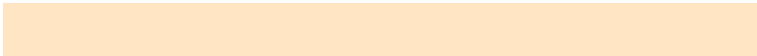
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7155, 48.1734, 40.5551



79.1987, 81.1716, 63.9271



49.9091, 55.3044, 41.7632



11.1117, 11.5926, 11.2147



18.8188, 15.1547, 1.9333



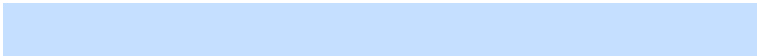
0.9626, 0.8606, 0.1154

Inverse Universe

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



40.9270, 43.5406, 60.2804



67.1823, 71.5552, 104.8784



38.1381, 37.3899, 59.2402



10.4407, 11.0555, 13.5011



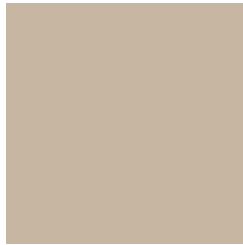
9.0110, 7.4159, 35.7008



0.4987, 0.4952, 1.7144

Previews

White Background



This preview shows how the XYZ color 46.7142, 48.1712, 40.5541 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 46.7142, 48.1712, 40.5541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

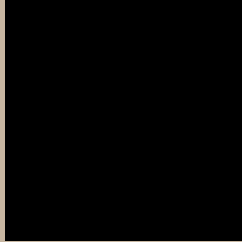
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7142, 48.1712, 40.5541

Background



This preview shows how black text looks on a background with the XYZ color 46.7142, 48.1712, 40.5541.



This preview shows how white text looks on a background with the XYZ color 46.7142, 48.1712,

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

46.7142, 48.1712, 40.5541

Protanopia

45.6544, 48.2271, 41.0849

Deuteranopia

49.0203, 48.1511, 40.8929



Tritanopia

49.9530, 48.2989, 55.9800

Trichromacy



Original Color

46.7142, 48.1712, 40.5541

Protanomaly

45.9608, 48.0777, 41.0400

Deuteranomaly

48.0953, 47.9706, 40.9068

Tritanomaly

48.7154, 48.0920, 49.8951

Monochromacy



Original Color

46.7142, 48.1712, 40.5541

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.2122, 48.3627, 47.9736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7142, 48.1712, 40.5541 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, 182, 161)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 161)  
}
```

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, 182, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.7142, 48.1712, 40.5541 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, 182, 161) }
```


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

```
.border{ border-color:rgb(199, 182, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 161);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7142, 48.1712, 40.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 161) }
```

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

```
.background{ background-color: rgb(199,  
182, 161) }
```

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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