

Converting Colors

XYZ(47.7143, 45.5205, 46.0445)

Have a look what the booklet for
XYZ(47.7143, 45.5205, 46.0445)
contains.

XYZ(47.7489, 45.6440, 45.8287)	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(47.7489, 45.6440,
45.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	CEACAD
RGB	206, 172, 173
RGB Percent	81%, 67%, 68%
CMY	0.1922, 0.3255, 0.3216
CMYK	0.00, 0.17, 0.16, 0.19
HSL	358°, 26%, 74%
HSV	358°, 17%, 81%
XYZ	47.7489, 45.6440, 45.8287
YIQ	182.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

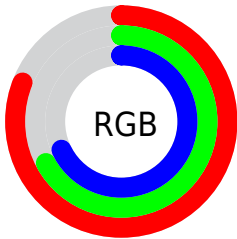
Format	Color
R _{YB}	206, 172, 173
Decimal	13544621
CIE Lab	73.31, 12.50, 4.11
CIE LCh	73, 13.160, 18.178
Yxy	45.6440, 0.3430, 0.3279
Android (android.graphics.Color)	4291734701 (0xFFCEACAD)
YUV	182.2800, -4.5750, 20.8024
Hunter-Lab	67.5603, 7.9259, 7.0736

Details

The XYZ color **47.7489, 45.6440, 45.8287** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1058, 57.3220, 66.1837**, and the grayscale version is **44.6336, 46.9580, 51.1373**.

A 20% lighter version of the original color is **82.7127, 81.7996, 84.8283**, and **22.9302, 21.3927, 21.0098** is the 20% darker color. If you saturate the color by 10%, you get **42.3358, 37.6858, 35.1818**, and if you desaturate by 10%, it is **54.0619, 54.9376, 58.2054**.

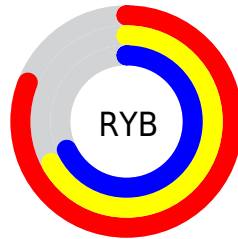
Distribution



Red (81%)

Green (67%)

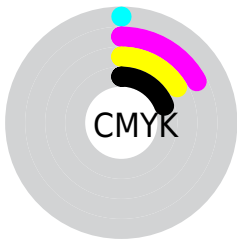
Blue (68%)



Red (81%)

Yellow (67%)

Blue (68%)

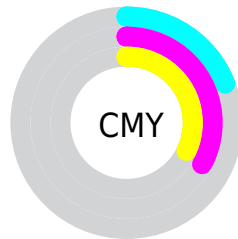


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (19%)



Cyan (19%)


Magenta (33%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7489, 45.6440, 45.8287 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 47.7489, 45.6440, 45.8287 by changing the saturation by 10% instead.


 47.7489, 45.6440,
45.8287

 47.7489, 45.6440,
45.8287

368.3951,
369.3756, 386.3771

 33.8385, 31.9650,
31.7630


 86.0424, 83.6860,
85.2942

 22.9319, 21.3348,
20.9172


111.1562,
108.8177, 111.5310

 14.6636, 13.3689,
12.8728


140.7352,
138.5358, 142.6619

 8.6684, 7.6831,
7.2113

175.1447,
173.2247, 179.1055

 4.5809, 3.8928,
3.5142

214.7501,
213.2687, 221.2802

 2.0357, 1.6138,
1.3628

259.9167,

 0.6539, 0.3669,

259.0522, 269.6047

0.1124

311.0099,
310.9597, 324.4975

■ 0.0000, 0.0000,
0.0000

■ 47.7489, 45.6440,
45.8287

■ 47.7489, 45.6440,
45.8287

■ 42.3358, 37.6858,
35.1818

■ 54.0619, 54.9376,
58.2054

■ 37.7781, 30.9958,
26.1850

■ 61.3091, 65.6175,
72.3810

■ 34.0331, 25.5105,
18.7566

■ 69.5278, 77.7393,
88.4244

■ 31.0531, 21.1583,
12.8068

■ 78.7518, 91.3540,
106.4001

■ 28.7854, 17.8600,
8.2368

■ 79.2637, 91.8619,
108.1612

■ 27.1704, 15.5263,
4.9357

■ 26.1392, 14.0531,
2.7756

■ 25.6048, 13.3074,
1.6008

■ 25.4868, 13.1351,
1.3654

Harmonies

Analogous

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



47.8851, 45.6440, 52.3549



47.7489, 45.6440, 45.8287



46.4180, 45.6440, 40.7953

Triad

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



47.7489, 45.6440, 45.8287



40.1516, 45.6440, 41.6773



42.4781, 45.6440, 63.2419

Complementary

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



47.7489, 45.6440, 45.8287



50.1058, 57.3220, 66.1837

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.



40.4837, 45.6440, 59.8112



47.7489, 45.6440, 45.8287



39.1728, 45.6440, 47.1336

Square

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



47.7489, 45.6440, 45.8287



42.0101, 45.6440, 38.5494



39.2922, 45.6440, 53.7804



44.7860, 45.6440, 62.8135

Rectangle

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



47.7489, 45.6440, 45.8287



45.0581, 45.6440, 38.7838



39.2922, 45.6440, 53.7804



41.7504, 45.6440, 62.4901

Sweetspot

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



47.7502, 45.6461, 45.8297



89.1875, 91.3615, 97.4301



51.0344, 46.9235, 64.7601



18.9202, 19.3053, 20.5220



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.



47.7502, 45.6461, 45.8297



73.9121, 68.8774, 67.4701



50.8560, 52.0114, 46.3911



11.2254, 11.2189, 11.7217



15.7001, 8.0906, 0.8736



0.8147, 0.4193, 0.0702

Inverse Universe

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



47.7502, 45.6461, 45.8297



73.9121, 68.8774, 67.4701



46.5979, 50.1133, 65.6097



11.2254, 11.2189, 11.7217



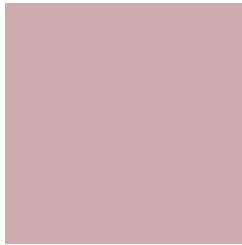
15.7001, 8.0906, 0.8736



0.8147, 0.4193, 0.0702

Previews

White Background



This preview shows how the XYZ color 47.7489, 45.6440, 45.8287 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 47.7489, 45.6440, 45.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

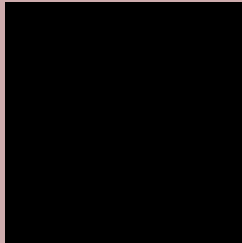
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7489, 45.6440, 45.8287

Background



This preview shows how black text looks on a background with the XYZ color 47.7489, 45.6440, 45.8287.



This preview shows how white text looks on a background with the XYZ color 47.7489, 45.6440,

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

47.7489, 45.6440, 45.8287

Protanopia

43.8231, 45.6049, 48.0879

Deuteranopia

46.4983, 45.5686, 45.8801



Tritanopia

48.7586, 45.4755, 51.5552

Trichromacy



Original Color

47.7489, 45.6440, 45.8287

Protanomaly

45.1000, 45.3917, 47.4587

Deuteranomaly

46.8435, 45.4608, 45.8411

Tritanomaly

48.5333, 45.6865, 49.4404

Monochromacy



Original Color

47.7489, 45.6440, 45.8287

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.5429, 46.1718, 49.1595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7489, 45.6440, 45.8287 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(206, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(206, 172, 173)  
}
```

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(206, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 172, 173) }
```

Border

The CSS property to change the border of an element to XYZ 47.7489, 45.6440, 45.8287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

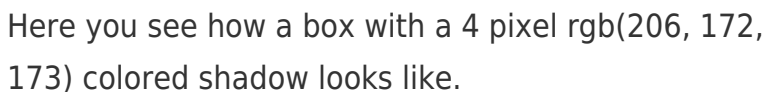
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 172, 173) }
```


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

```
.border{ border-color:rgb(206, 172, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(206, 172,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7489, 45.6440, 45.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 172, 173) }
```

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

```
.background{ background-color: rgb(206,  
172, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor