

Converting Colors

XYZ(47.9200, 49.4736, 45.4410)

Have a look what the booklet for
XYZ(47.9200, 49.4736, 45.4410)
contains.

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Color

**XYZ(47.9884, 49.6440,
45.5811)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B9AB
RGB	198, 185, 171
RGB Percent	78%, 73%, 67%
CMY	0.2235, 0.2745, 0.3294
CMYK	0.00, 0.07, 0.14, 0.22
HSL	31°, 19%, 72%
HSV	31°, 14%, 78%
XYZ	47.9884, 49.6440, 45.5811
YIQ	187.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

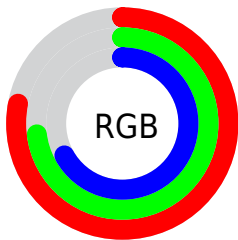
Format	Color
RYB	196, 198, 171
Decimal	13023659
CIELab	75.85, 2.23, 8.75
CIELCh	76, 9.029, 75.676
Yxy	49.6440, 0.3351, 0.3466
Android (android.graphics.Color)	4291213739 (0xFFC6B9AB)
YUV	187.2910, -8.0315, 9.3918
Hunter-Lab	70.4585, -1.7283, 10.9650

Details

The XYZ color **47.9884, 49.6440, 45.5811** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1280, 47.0153, 60.1757**, and the grayscale version is **47.4386, 49.9091, 54.3510**.

A 20% lighter version of the original color is **86.4228, 89.6616, 84.7030**, and **23.0826, 23.7637, 20.8230** is the 20% darker color. If you saturate the color by 10%, you get **44.3137, 45.0917, 35.7320**, and if you desaturate by 10%, it is **52.0823, 54.5811, 56.9660**.

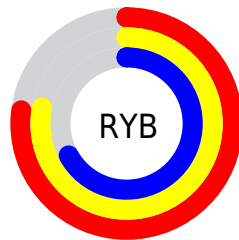
Distribution



Red (78%)

Green (73%)

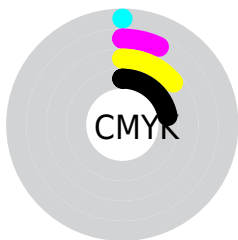
Blue (67%)



Red (77%)

Yellow (78%)

Blue (67%)

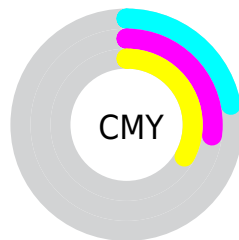


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9884, 49.6440, 45.5811 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 47.9884, 49.6440, 45.5811 by changing the saturation by 10% instead.


 47.9884, 49.6440,
45.5811

 47.9884, 49.6440,
45.5811


369.3295,
385.2721, 385.3505

 34.0289, 35.1306,
31.5691


 86.3969, 89.6472,
84.9194

 23.0788, 23.7635,
20.7705

111.5767,
115.9058, 111.0828

 14.7727, 15.1583,
12.7667


141.2272,
146.8482, 142.1337

 8.7453, 8.9305,
7.1393

175.7140,
182.8589, 178.4907

 4.6312, 4.6959,
3.4696

215.4022,
224.3223, 220.5724

 2.0651, 2.0700,
1.3391

260.6573,

 0.6701, 0.6477,

271.6227, 268.7972

0.0935

311.8446,
325.1445, 323.5837

■ 0.0000, 0.0000,
0.0000

■ 47.9884, 49.6440,
45.5811

■ 47.9884, 49.6440,
45.5811

■ 44.3137, 45.0917,
35.7320

■ 52.0823, 54.5811,
56.9660

■ 41.0389, 40.9074,
27.3485

■ 56.6055, 59.9063,
69.9461

■ 38.1493, 37.0827,
20.3601

■ 61.5730, 65.6309,
84.5818

■ 35.6275, 33.6060,
14.6885

■ 66.9977, 71.7642,
100.9292

■ 33.4544, 30.4653,
10.2482

■ 70.3811, 77.3103,
105.8206

■ 31.6092, 27.6474,
6.9431

■ 73.1473, 82.8425,
106.7427

■ 30.0678, 25.1378,
4.6626

■ 76.0613, 88.6705,
107.7140

■ 28.8021, 22.9200,
3.2734

■ 77.0989, 90.7459,
108.0599

■ 28.1089, 21.6457,
2.6965

Harmonies

Analogous

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



49.4770, 49.6440, 47.7054



47.9884, 49.6440, 45.5811



46.3182, 49.6440, 45.6315

Triad

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



47.9884, 49.6440, 45.5811



44.1445, 49.6440, 56.5908



49.5326, 49.6440, 60.7750

Complementary

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



47.9884, 49.6440, 45.5811



44.1280, 47.0153, 60.1757

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.



48.0628, 49.6440, 63.4537



47.9884, 49.6440, 45.5811



44.9651, 49.6440, 60.9419

Square

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



47.9884, 49.6440, 45.5811



44.1257, 49.6440, 51.7984



46.3909, 49.6440, 63.5165



50.3828, 49.6440, 56.3739

Rectangle

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



47.9884, 49.6440, 45.5811



45.3272, 49.6440, 46.8855



46.3909, 49.6440, 63.5165



49.0931, 49.6440, 61.9180

Sweetspot

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



47.9898, 49.6462, 45.5822



91.9046, 96.2677, 99.9638



46.5092, 44.5951, 51.5320



19.5478, 20.4577, 21.0478



0.0000, 0.0000, 0.0000



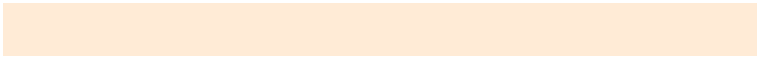
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9898, 49.6462, 45.5822



83.2150, 85.7490, 75.9176



50.7156, 55.2737, 46.5247



11.0813, 11.5317, 11.2046



18.3659, 14.2489, 1.7823



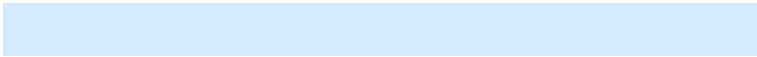
0.9419, 0.8192, 0.1085

Inverse Universe

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



44.1280, 47.0153, 60.1757



75.2169, 80.3001, 106.1429



41.6494, 41.9124, 59.3213



10.4709, 11.1158, 13.5112



9.3928, 8.1795, 35.8281



0.5172, 0.5322, 1.7206

Previews

White Background



This preview shows how the XYZ color 47.9884, 49.6440, 45.5811 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 47.9884, 49.6440, 45.5811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

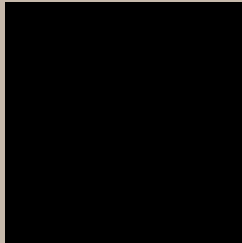
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

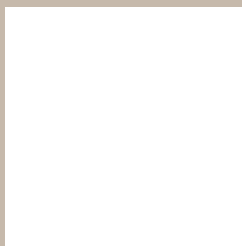
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9884, 49.6440, 45.5811

Background



This preview shows how black text looks on a background with the XYZ color 47.9884, 49.6440, 45.5811.

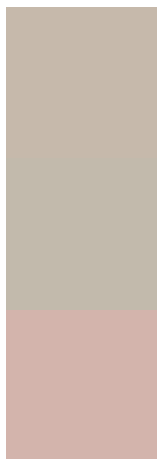


This preview shows how white text looks on a background with the XYZ color 47.9884, 49.6440,

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

47.9884, 49.6440, 45.5811

Protanopia

47.2534, 49.5657, 46.1063

Deuteranopia

50.6316, 49.4700, 45.9098



Tritanopia

50.5751, 49.4508, 59.1039

Trichromacy



Original Color

47.9884, 49.6440, 45.5811

Protanomaly

47.5110, 49.6985, 46.1184

Deuteranomaly

49.6279, 49.5563, 45.9794

Tritanomaly

49.5170, 49.3231, 53.9242

Monochromacy



Original Color

47.9884, 49.6440, 45.5811

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3853, 49.5304, 50.7789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9884, 49.6440, 45.5811 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(198, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 171)  
}
```

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(198, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.9884, 49.6440, 45.5811 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(198, 185, 171) }
```


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

```
.border{ border-color:rgb(198, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9884, 49.6440, 45.5811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 171) }
```

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

```
.background{ background-color: rgb(198,  
185, 171) }
```

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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