

Converting Colors

XYZ(50.6239, 50.9805, 46.7072)

Have a look what the booklet for
XYZ(50.6239, 50.9805, 46.7072)
contains.

XYZ(50.6239, 50.9805, 46.7072)	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(50.6239, 50.9805,
46.7072)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB9AD
RGB	207, 185, 173
RGB Percent	81%, 73%, 68%
CMY	0.1882, 0.2745, 0.3216
CMYK	0.00, 0.11, 0.16, 0.19
HSL	21°, 26%, 75%
HSV	21°, 16%, 81%
XYZ	50.6239, 50.9805, 46.7072
YIQ	190.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

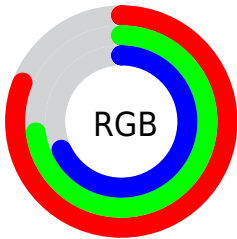
Format	Color
RYB	207, 192, 173
Decimal	13613485
CIELab	76.67, 5.87, 8.94
CIELCh	77, 10.692, 56.690
Yxy	50.9805, 0.3413, 0.3437
Android (android.graphics.Color)	4291803565 (0xFFCFB9AD)
YUV	190.2100, -8.4845, 14.7248
Hunter-Lab	71.4006, 1.6075, 11.1955

Details

The XYZ color **50.6239, 50.9805, 46.7072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0108, 52.4181, 66.6191**, and the grayscale version is **49.1062, 51.6636, 56.2617**.

A 20% lighter version of the original color is **86.6989, 89.7720, 86.1570**, and **24.6513, 24.5584, 21.5301** is the 20% darker color. If you saturate the color by 10%, you get **46.1036, 44.9006, 36.0721**, and if you desaturate by 10%, it is **55.7213, 57.7169, 59.0670**.

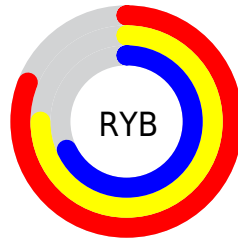
Distribution



Red (81%)

Green (73%)

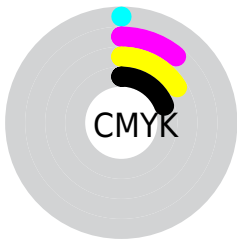
Blue (68%)



Red (81%)

Yellow (75%)

Blue (68%)

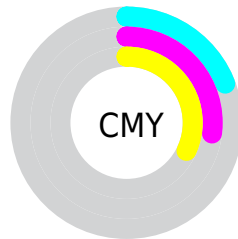


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (19%)



Cyan (19%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6239, 50.9805, 46.7072 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 50.6239, 50.9805, 46.7072 by changing the saturation by 10% instead.


 50.6239, 50.9805,
46.7072

 50.6239, 50.9805,
46.7072


379.5126,
390.4880, 390.0045

 36.1292, 36.1931,
32.4516


 90.2849, 91.6259,
86.6218

 24.7046, 24.5834,
21.4390


116.1819,
118.2528, 113.1178

 15.9846, 15.7669,
13.2509


146.6104,
149.5949, 144.5311

 9.6041, 9.3594,
7.4688

181.9357,
186.0366, 181.2801

 5.1975, 4.9763,
3.6741

222.5233,
227.9624, 223.7834

 2.3995, 2.2334,
1.4483

268.7383,

 0.8449, 0.7381,

275.7566, 272.4595

0.1790

320.9463,
329.8037, 327.7270

■ 0.0000, 0.0000,
0.0000

■ 50.6239, 50.9805,
46.7072

■ 50.6239, 50.9805,
46.7072

■ 46.1036, 44.9006,
36.0721

■ 55.7213, 57.7169,
59.0670

■ 42.1347, 39.4501,
27.0809

■ 61.4118, 65.1223,
73.2206

■ 38.6956, 34.6100,
19.6513

■ 67.7162, 73.2173,
89.2375

■ 35.7617, 30.3578,
13.6926

■ 74.5235, 81.9679,
106.5013

■ 33.3061, 26.6694,
9.1044

■ 78.5811, 90.0832,
107.8539

■ 31.2990, 23.5187,
5.7737

■ 79.5423, 92.0055,
108.1743

■ 29.7068, 20.8772,
3.5689

■ 28.4882, 18.7124,
2.3229

■ 28.1204, 18.0417,
2.0003

Harmonies

Analogous

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



52.0158, 50.9805, 50.6527



50.6239, 50.9805, 46.7072



48.6805, 50.9805, 45.1105

Triad

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



50.6239, 50.9805, 46.7072



44.6737, 50.9805, 54.8681



50.2243, 50.9805, 66.0728

Complementary

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



50.6239, 50.9805, 46.7072



48.0108, 52.4181, 66.6191

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.



48.2311, 50.9805, 67.3942



50.6239, 50.9805, 46.7072



45.0614, 50.9805, 60.6664

Square

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



50.6239, 50.9805, 46.7072



45.2758, 50.9805, 49.6113



46.3498, 50.9805, 65.3527



51.7806, 50.9805, 61.8567

Rectangle

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



50.6239, 50.9805, 46.7072



47.3465, 50.9805, 45.5043



46.3498, 50.9805, 65.3527



49.5815, 50.9805, 66.8824

Sweetspot

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



50.6253, 50.9828, 46.7083



90.4894, 94.0555, 97.5866



50.5378, 47.0978, 58.1167



19.2355, 19.9577, 20.5600



0.0000, 0.0000, 0.0000



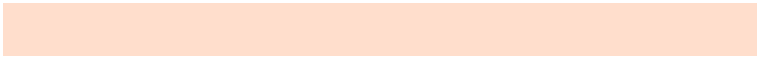
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6253, 50.9828, 46.7083



78.2620, 77.8655, 68.0314



54.3724, 58.4771, 47.9573



12.1453, 12.4814, 12.3811



17.7981, 11.5292, 1.2873



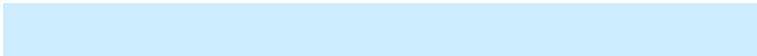
1.0690, 0.7924, 0.0966

Inverse Universe

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



48.0108, 52.4181, 66.6191



73.2342, 80.6221, 106.3095



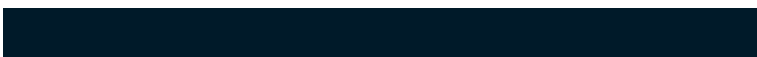
44.4370, 45.2705, 65.4278



11.7925, 12.6753, 15.0687



12.5516, 13.7499, 39.1849



0.7750, 0.9151, 2.2154

Previews

White Background



This preview shows how the XYZ color 50.6239, 50.9805, 46.7072 looks on a white background.

Color Contrast Check

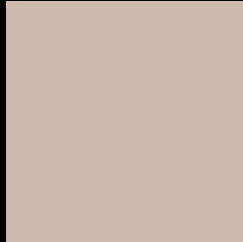
Large Text (above 18pt) WCAG AA × Fail

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 50.6239, 50.9805, 46.7072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

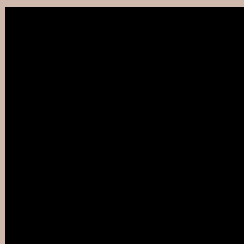
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6239, 50.9805, 46.7072

Background



This preview shows how black text looks on a background with the XYZ color 50.6239, 50.9805, 46.7072.



This preview shows how white text looks on a background with the XYZ color 50.6239, 50.9805,

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

50.6239, 50.9805, 46.7072

Protanopia

48.7004, 51.2261, 47.8783

Deuteranopia

51.9169, 51.0302, 46.6487



Tritanopia

53.2701, 51.1431, 59.2885

Trichromacy



Original Color

50.6239, 50.9805, 46.7072

Protanomaly

49.4426, 51.3018, 47.3407

Deuteranomaly

51.5473, 51.1470, 46.6907

Tritanomaly

52.3051, 51.0531, 54.6744

Monochromacy



Original Color

50.6239, 50.9805, 46.7072

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3999, 51.1629, 52.6192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6239, 50.9805, 46.7072 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(207, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 185, 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(207, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 185, 173) }
```

Border

The CSS property to change the border of an element to XYZ 50.6239, 50.9805, 46.7072 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(207, 185, 173) }
```


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

```
.border{ border-color:rgb(207, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 185,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6239, 50.9805, 46.7072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 185, 173) }
```

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

```
.background{ background-color: rgb(207,  
185, 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