

Converting Colors

XYZ(50.5940, 50.6676, 45.8996)

Have a look what the booklet for
XYZ(50.5940, 50.6676, 45.8996)
contains.

XYZ(50.5993, 50.6694, 46.1430)	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(50.5993, 50.6694,
46.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B8AC
RGB	208, 184, 172
RGB Percent	82%, 72%, 67%
CMY	0.1843, 0.2784, 0.3255
CMYK	0.00, 0.12, 0.17, 0.18
HSL	20°, 28%, 75%
HSV	20°, 17%, 82%
XYZ	50.5993, 50.6694, 46.1430
YIQ	189.8080, 18.1560, 1.3560

Conversions

Conversions Part 2

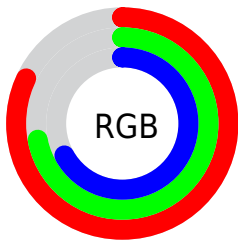
Format	Color
R_{YB}	208, 190, 172
Decimal	13678764
CIE _{Lab}	76.48, 6.62, 9.22
CIE _{LCh}	76, 11.350, 54.319
Y _{xy}	50.6694, 0.3433, 0.3437
Android (android.graphics.Color)	4291868844 (0xFFD0B8AC)
YUV	189.8080, -8.7793, 15.9544
Hunter-Lab	71.1824, 2.3156, 11.3938

Details

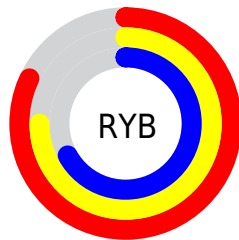
The XYZ color **50.5993, 50.6694, 46.1430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1381, 52.8034, 67.3299**, and the grayscale version is **48.8758, 51.4211, 55.9976**.

A 20% lighter version of the original color is **86.2652, 89.1262, 85.3295**, and **24.6433, 24.3610, 21.1726** is the 20% darker color. If you saturate the color by 10%, you get **46.0160, 44.4531, 35.5189**, and if you desaturate by 10%, it is **55.7804, 57.5799, 58.5101**.

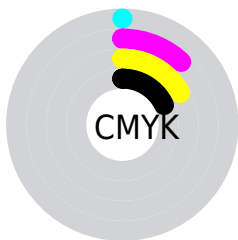
Distribution



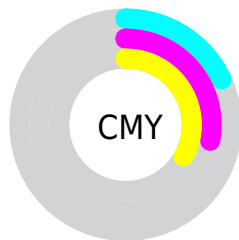
- Red (82%)
- Green (72%)
- Blue (67%)



- Red (82%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5993, 50.6694, 46.1430 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 50.5993, 50.6694, 46.1430 by changing the saturation by 10% instead.


 50.5993, 50.6694,
46.1430

 50.5993, 50.6694,
46.1430

379.4183,
389.2780, 387.6775

 36.1096, 35.9456,
32.0092


 90.2487, 91.1659,
85.7695

 24.6893, 24.3922,
21.1036


116.1391,
117.7074, 112.0993

 15.9732, 15.6248,
13.0078


146.5604,
148.9568, 143.3315

 9.5959, 9.2590,
7.3031

181.8780,
185.2987, 179.8846

 5.1921, 4.9105,
3.5711

222.4572,
227.1173, 222.1773

 2.3963, 2.1949,
1.3931

268.6635,

 0.8433, 0.7172,

274.7972, 270.6279

0.1363

320.8620,
328.7226, 325.6552

■ 0.0000, 0.0000,
0.0000

■ 50.5993, 50.6694,
46.1430

■ 50.5993, 50.6694,
46.1430

■ 46.0160, 44.4531,
35.5189

■ 55.7804, 57.5799,
58.5101

■ 42.0037, 38.9022,
26.5556

■ 61.5764, 65.1988,
72.6910

■ 38.5398, 33.9958,
19.1688

■ 68.0090, 73.5482,
88.7565

■ 35.5982, 29.7094,
13.2657

■ 75.0648, 82.6344,
106.6014

■ 33.1507, 26.0166,
8.7435

■ 79.2913, 91.0874,
108.0103

■ 31.1658, 22.8890,
5.4860

■ 79.8226, 92.1500,
108.1874

■ 29.6080, 20.2953,
3.3578

■ 28.4317, 18.1991,
2.1751

■ 28.1627, 17.7102,
1.9341

Harmonies

Analogous

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



52.0067, 50.6694, 50.4593



50.5993, 50.6694, 46.1430



48.5681, 50.6694, 44.2573

Triad

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



50.5993, 50.6694, 46.1430



44.1810, 50.6694, 54.0123



49.8738, 50.6694, 66.6182

Complementary

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



50.5993, 50.6694, 46.1430



48.1381, 52.8034, 67.3299

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.



47.7537, 50.6694, 67.7443



50.5993, 50.6694, 46.1430



44.5074, 50.6694, 60.1659

Square

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



50.5993, 50.6694, 46.1430



44.8948, 50.6694, 48.5798



45.7999, 50.6694, 65.3044



51.5792, 50.6694, 62.3316

Rectangle

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



50.5993, 50.6694, 46.1430



47.1494, 50.6694, 44.5239



45.7999, 50.6694, 65.3044



49.1844, 50.6694, 67.3916

Sweetspot

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



50.6007, 50.6717, 46.1441



90.4131, 93.9028, 97.5612



50.7293, 46.9011, 58.6042



19.2170, 19.9206, 20.5538



0.0000, 0.0000, 0.0000



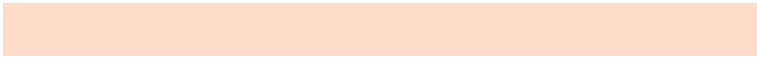
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6007, 50.6717, 46.1441



77.2470, 76.3210, 66.1964



54.5799, 58.6300, 47.4705



12.1262, 12.4431, 12.3747



17.6323, 11.1976, 1.2320



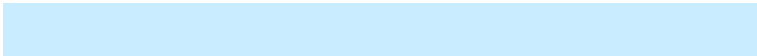
1.0583, 0.7709, 0.0930

Inverse Universe

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



48.1381, 52.8034, 67.3299



72.5845, 80.3519, 106.2916



44.3194, 45.1662, 66.0570



11.8125, 12.7152, 15.0753



12.9101, 14.4669, 39.3044



0.7932, 0.9516, 2.2214

Previews

White Background



This preview shows how the XYZ color 50.5993, 50.6694, 46.1430 looks on a white background.

Color Contrast Check

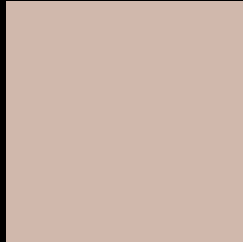
Large Text (above 18pt) WCAG AA × Fail

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 50.5993, 50.6694, 46.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

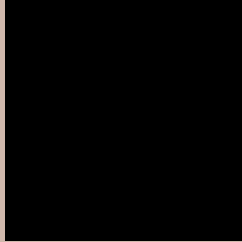
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5993, 50.6694, 46.1430

Background



This preview shows how black text looks on a background with the XYZ color 50.5993, 50.6694, 46.1430.



This preview shows how white text looks on a background with the XYZ color 50.5993, 50.6694,

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

50.5993, 50.6694, 46.1430

Protanopia

48.3882, 50.7582, 47.2914

Deuteranopia

51.6149, 50.5806, 46.0724



Tritanopia

53.2382, 50.8368, 58.6363

Trichromacy



Original Color

50.5993, 50.6694, 46.1430

Protanomaly

49.1326, 50.8371, 46.7581

Deuteranomaly

51.2438, 50.6944, 46.1139

Tritanomaly

52.2759, 50.7454, 54.0533

Monochromacy



Original Color

50.5993, 50.6694, 46.1430

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5564, 51.2557, 52.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5993, 50.6694, 46.1430 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(208, 184, 172) looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 172)  
}
```

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(208, 184, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.5993, 50.6694, 46.1430 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(208, 184, 172) }
```


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

```
.border{ border-color:rgb(208, 184, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 184, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 172);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5993, 50.6694, 46.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 172) }
```

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

```
.background{ background-color: rgb(208,  
184, 172) }
```

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