

Converting Colors

XYZ(43.3995, 48.0907, 8.6641)

Have a look what the booklet for
XYZ(43.3995, 48.0907, 8.6641)
contains.

XYZ(43.3995, 48.0907, 8.6641)	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(43.3995, 48.0907,
8.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB924
RGB	207, 185, 36
RGB Percent	81%, 73%, 14%
CMY	0.1882, 0.2745, 0.8588
CMYK	0.00, 0.11, 0.83, 0.19
HSL	52°, 70%, 48%
HSV	52°, 83%, 81%
XYZ	43.3995, 48.0907, 8.6641
YIQ	174.5920, 60.9410, -41.6750

Conversions

Conversions Part 2

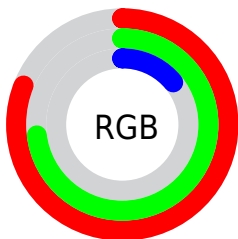
Format	Color
RYB	61, 207, 36
Decimal	13613348
CIELab	74.88, -6.71, 70.67
CIELCh	75, 70.988, 95.425
Yxy	48.0907, 0.4333, 0.4802
Android (android.graphics.Color)	4291803428 (0xFFCFB924)
YUV	174.5920, -68.3259, 28.4218
Hunter-Lab	69.3475, -9.6480, 41.1357

Details

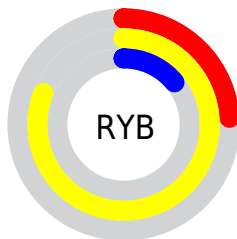
The XYZ color **43.3995, 48.0907, 8.6641** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **13.5033, 7.9063, 59.8453**, and the grayscale version is **40.8578, 42.9856, 46.8113**.

A 20% lighter version of the original color is **74.8066, 85.0151, 23.5332**, and **20.4640, 22.7984, 3.3220** is the 20% darker color. If you saturate the color by 10%, you get **42.6186, 46.8973, 7.2693**, and if you desaturate by 10%, it is **44.3755, 49.3826, 11.0256**.

Distribution



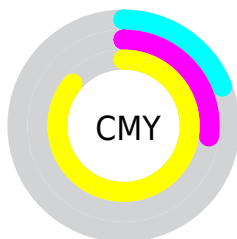
- Red (81%)
- Green (73%)
- Blue (14%)



- Red (24%)
- Yellow (81%)
- Blue (14%)



- Cyan (0%)
- Magenta (11%)
- Yellow (83%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3995, 48.0907, 8.6641 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 43.3995, 48.0907, 8.6641 by changing the saturation by 10% instead.


 43.3995, 48.0907,
8.6641

 43.3995, 48.0907,
8.6641


351.1459,
379.1515, 190.9768


 30.3946, 33.8987,
4.4289


 79.5653, 87.3394,
23.8177

 20.2878, 22.8158,
1.8635


 103.4570,
113.1650, 35.5733


 12.7139, 14.4576,
0.4693


 131.7082,
143.6372, 50.6727

 7.3075, 8.4396,
0.0000

 164.6844,
179.1404, 69.5345

 3.7032, 4.3775,
0.0000

 202.7509,
220.0590, 92.5773

 1.5356, 1.8869,
0.0000

 246.2731,

 0.3499, 0.5405,

266.7775, 120.2196

0.0000

295.6163,
319.6802, 152.8799

■ 0.0000, 0.0000,
0.0000

■ 43.3995, 48.0907,
8.6641

■ 43.3995, 48.0907,
8.6641

■ 42.6186, 46.8973,
7.2693

■ 44.3755, 49.3826,
11.0256

■ 42.1288, 46.0591,
6.6699

■ 45.5710, 50.7772,
14.4959

■ 47.0100, 52.2860,
19.1963

■ 48.7124, 53.9172,
25.2316

■ 50.6961, 55.6780,
32.6956

■ 52.9773, 57.5748,
41.6734

■ 55.5709, 59.6139,
52.2436

■ 58.4910, 61.8008,
64.4791

■ 61.7505, 64.1409,
78.4486

Harmonies

Analogous

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



56.8416, 48.0907, 10.6453



43.3995, 48.0907, 8.6641



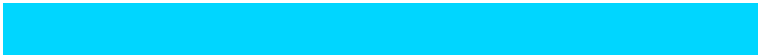
32.7652, 48.0907, 13.1451

Triad

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



43.3995, 48.0907, 8.6641



28.3027, 48.0907, 105.3935



72.2359, 48.0907, 87.8862

Complementary

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



43.3995, 48.0907, 8.6641



13.5033, 7.9063, 59.8453

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.



61.6782, 48.0907, 134.3974



43.3995, 48.0907, 8.6641



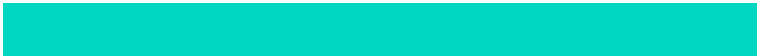
36.1336, 48.0907, 147.4089

Square

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



43.3995, 48.0907, 8.6641



25.1653, 48.0907, 59.3831



48.0985, 48.0907, 159.9665



75.1778, 48.0907, 45.9185

Rectangle

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



43.3995, 48.0907, 8.6641



28.1494, 48.0907, 21.4698



48.0985, 48.0907, 159.9665



69.3739, 48.0907, 104.0211

Sweetspot

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



43.4006, 48.0930, 8.6651



83.8712, 91.4321, 62.6622



27.1474, 14.8412, 5.5452



17.6717, 19.3380, 12.3075



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.



43.4006, 48.0930, 8.6651



67.5160, 73.7897, 10.7576



34.1856, 50.7092, 9.6557



12.6683, 13.5273, 12.5554



26.5922, 29.1174, 4.2187



1.5239, 1.7021, 0.2482

Inverse Universe

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



13.5033, 7.9063, 59.8453



18.6836, 8.4397, 95.2520



17.0068, 8.4032, 59.7566



11.2845, 11.6593, 14.8994



7.3761, 3.3988, 37.4598



0.4537, 0.2726, 2.1083

Previews

White Background



This preview shows how the XYZ color 43.3995, 48.0907, 8.6641 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 43.3995, 48.0907, 8.6641 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 43.3995, 48.0907, 8.6641

Background



This preview shows how black text looks on a background with the XYZ color 43.3995, 48.0907, 8.6641.



This preview shows how white text looks on a background with the XYZ color 43.3995, 48.0907,

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

43.3995, 48.0907, 8.6641

Protanopia

43.6798, 48.2352, 8.6772

Deuteranopia

49.0266, 47.9829, 8.8681



Tritanopia

52.5289, 47.9556, 52.9422

Trichromacy



Original Color

43.3995, 48.0907, 8.6641

Protanomaly

43.6798, 48.2352, 8.6772

Deuteranomaly

46.9345, 48.0814, 8.8144

Tritanomaly

47.5504, 47.3791, 28.1116

Monochromacy



Original Color

43.3995, 48.0907, 8.6641

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2517, 44.2602, 25.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3995, 48.0907, 8.6641 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, 36)` looks like.

```
.text, #text, p{  
    color:rgb(207, 185, 36)  
}
```

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, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 185, 36) }
```

Border

The CSS property to change the border of an element to XYZ 43.3995, 48.0907, 8.6641 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, 36) }
```


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

```
.border{ border-color:rgb(207, 185, 36) }
```

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, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 185, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 185, 36);  
box-shadow:4px 4px 4px 4px rgb(207, 185,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3995, 48.0907, 8.6641 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, 36) }
```

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

```
.background{ background-color: rgb(207,  
185, 36) }
```

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