

Converting Colors

XYZ(43.9913, 46.5248, 8.8395)

Have a look what the booklet for
XYZ(43.9913, 46.5248, 8.8395)
contains.

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Color

**XYZ(43.9786, 46.5535,
8.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B32A
RGB	213, 179, 42
RGB Percent	84%, 70%, 16%
CMY	0.1647, 0.2980, 0.8353
CMYK	0.00, 0.16, 0.80, 0.16
HSL	48°, 67%, 50%
HSV	48°, 80%, 84%
XYZ	43.9786, 46.5535, 8.8583
YIQ	173.5480, 64.2410, -35.3990

Conversions

Conversions Part 2

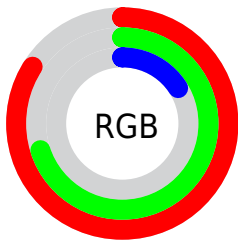
Format	Color
R _Y B	84, 213, 42
Decimal	14005034
CIE Lab	73.90, -0.79, 68.34
CIE LCh	74, 68.349, 90.660
Yxy	46.5535, 0.4425, 0.4684
Android (android.graphics.Color)	4292195114 (0xFFD5B32A)
YUV	173.5480, -64.8532, 34.5994
Hunter-Lab	68.2301, -4.3483, 40.0635

Details

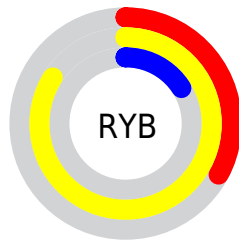
The XYZ color **43.9786, 46.5535, 8.8583** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **15.5496, 10.4652, 64.1508**, and the grayscale version is **40.3004, 42.3991, 46.1726**.

A 20% lighter version of the original color is **72.9631, 81.0257, 23.8506**, and **20.9158, 22.0488, 3.1535** is the 20% darker color. If you saturate the color by 10%, you get **42.8585, 44.7701, 7.0779**, and if you desaturate by 10%, it is **45.3292, 48.4745, 11.7150**.

Distribution



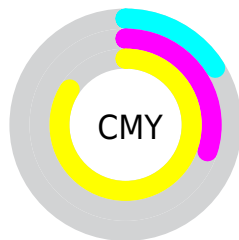
- Red (84%)
- Green (70%)
- Blue (16%)



- Red (33%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (80%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9786, 46.5535, 8.8583 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 43.9786, 46.5535, 8.8583 by changing the saturation by 10% instead.


 43.9786, 46.5535,
8.8583

 43.9786, 46.5535,
8.8583


353.4746,
373.0295, 192.4963


 30.8515, 32.6828,
4.5533


 80.4321, 85.0468,
24.1980


 20.6371, 21.8836,
1.9335


 104.4892,
110.4381, 36.0698


 12.9699, 13.7714,
0.5140

 132.9204,
140.4385, 51.3010

 7.4847, 7.9618,
0.0000

 166.0910,
175.4323, 70.3101

 3.8160, 4.0705,
0.0000

 204.3664,
215.8039, 93.5156

 1.5986, 1.7131,
0.0000

 248.1118,

 0.3915, 0.4321,

261.9377, 121.3361

0.0000

297.6928,
314.2181, 154.1902

■ 0.0000, 0.0000,
0.0000

■ 43.9786, 46.5535,
8.8583

■ 43.9786, 46.5535,
8.8583

■ 42.8585, 44.7701,
7.0779

■ 45.3292, 48.4745,
11.7150

■ 41.9382, 43.1417,
6.1168

■ 46.9356, 50.5380,
15.7935

■ 48.8228, 52.7563,
21.2197

■ 51.0117, 55.1381,
28.1031

■ 53.5213, 57.6912,
36.5419

■ 56.3687, 60.4230,
46.6256

■ 59.5699, 63.3401,
58.4372

■ 63.1396, 66.4488,
72.0538

■ 67.0920, 69.7550,
87.5480

Harmonies

Analogous

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



56.7398, 46.5535, 11.8263



43.9786, 46.5535, 8.8583



33.3502, 46.5535, 12.1214

Triad

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



43.9786, 46.5535, 8.8583



27.0089, 46.5535, 93.1464



67.9561, 46.5535, 91.1540

Complementary

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



43.9786, 46.5535, 8.8583



15.5496, 10.4652, 64.1508

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.



57.2929, 46.5535, 133.0121



43.9786, 46.5535, 8.8583



33.7385, 46.5535, 134.4867

Square

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



43.9786, 46.5535, 8.8583



24.7226, 46.5535, 51.4650



44.5179, 46.5535, 151.6442



72.0306, 46.5535, 49.9205

Rectangle

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



43.9786, 46.5535, 8.8583



28.4980, 46.5535, 18.9571



44.5179, 46.5535, 151.6442



64.9374, 46.5535, 106.1835

Sweetspot

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



43.9797, 46.5558, 8.8592



82.9559, 89.1476, 63.7562



29.5802, 16.3270, 8.4672



17.4294, 18.7666, 12.4941



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.



43.9797, 46.5558, 8.8592



63.4476, 65.5858, 9.6082



39.0518, 55.4055, 10.8271



13.2534, 14.0809, 13.1801



25.6912, 26.4997, 3.7609



1.6042, 1.7075, 0.2450

Inverse Universe

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



15.5496, 10.4652, 64.1508



19.7348, 10.4000, 95.5750



17.3834, 8.8035, 63.7334



11.9405, 12.4045, 15.7025



7.9074, 4.0766, 38.8233



0.5360, 0.3641, 2.3613

Previews

White Background



This preview shows how the XYZ color 43.9786, 46.5535, 8.8583 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 43.9786, 46.5535, 8.8583 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 43.9786, 46.5535, 8.8583

Background



This preview shows how black text looks on a background with the XYZ color 43.9786, 46.5535, 8.8583.



This preview shows how white text looks on a background with the XYZ color 43.9786, 46.5535,

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

43.9786, 46.5535, 8.8583

Protanopia

42.0658, 46.4677, 9.0376

Deuteranopia

47.5393, 46.3525, 8.9240



Tritanopia

52.1811, 46.4623, 49.3979

Trichromacy



Original Color

43.9786, 46.5535, 8.8583

Protanomaly

42.6920, 46.4876, 9.0084

Deuteranomaly

46.2160, 46.5298, 8.9282

Tritanomaly

47.8056, 45.7976, 27.4393

Monochromacy



Original Color

43.9786, 46.5535, 8.8583

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0303, 43.2484, 25.9766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9786, 46.5535, 8.8583 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(213, 179, 42)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 42)  
}
```

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(213, 179, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 42) }
```

Border

The CSS property to change the border of an element to XYZ 43.9786, 46.5535, 8.8583 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(213, 179, 42) }
```


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

```
.border{ border-color:rgb(213, 179, 42) }
```

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

Here you see how a box with a 4 pixel rgb(213, 179, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 42);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9786, 46.5535, 8.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 42) }
```

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

```
.background{ background-color: rgb(213,  
179, 42) }
```

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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