

Converting Colors

XYZ(41.1959, 43.4299, 6.5325)

Have a look what the booklet for
XYZ(41.1959, 43.4299, 6.5325)
contains.

XYZ(41.2985, 43.4666, 6.5298)	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(41.2985, 43.4666,
6.5298)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AD0B
RGB	209, 173, 11
RGB Percent	82%, 68%, 4%
CMY	0.1804, 0.3215, 0.9568
CMYK	0.00, 0.17, 0.95, 0.18
HSL	49°, 90%, 43%
HSV	49°, 95%, 82%
XYZ	41.2985, 43.4666, 6.5298
YIQ	165.2960, 73.4580, -42.7500

Conversions

Conversions Part 2

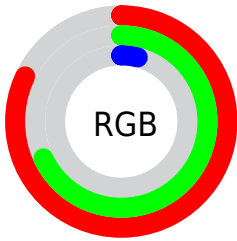
Format	Color
RYB	55, 209, 11
Decimal	13741323
CIELab	71.87, -0.05, 73.22
CIELCh	72, 73.216, 90.036
Yxy	43.4666, 0.4524, 0.4761
Android (android.graphics.Color)	4291931403 (0xFFD1AD0B)
YUV	165.2960, -76.0679, 38.3284
Hunter-Lab	65.9292, -3.5625, 40.2782

Details

The XYZ color **41.2985, 43.4666, 6.5298** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **12.6636, 6.7084, 60.9486**, and the grayscale version is **36.2377, 38.1249, 41.5180**.

A 20% lighter version of the original color is **70.5064, 77.3560, 19.1978**, and **19.4150, 20.1588, 2.8677** is the 20% darker color. If you saturate the color by 10%, you get **40.8578, 42.6822, 6.0851**, and if you desaturate by 10%, it is **42.2376, 45.0265, 7.8253**.

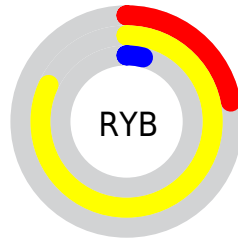
Distribution



Red (82%)

Green (68%)

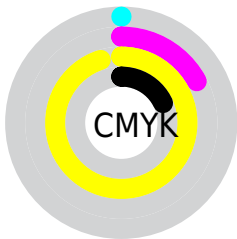
Blue (4%)



Red (22%)

Yellow (82%)

Blue (4%)

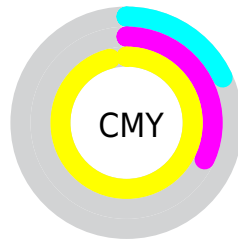


Cyan (0%)

Magenta (17%)

Yellow (95%)

Black (18%)



Cyan (18%)


Magenta (32%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2985, 43.4666, 6.5298 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 41.2985, 43.4666, 6.5298 by changing the saturation by 10% instead.


 41.2985, 43.4666,
6.5298


 41.2985, 43.4666,
6.5298


342.6080,
360.5272, 173.1774

 28.7411, 30.2514,
3.0959


 76.4087, 80.4145,
19.5174

 19.0284, 20.0295,
1.1438


 99.6921, 104.9160,
29.9081

 11.7949, 12.4165,
0.0000


 127.2817,
133.9483, 43.4548

 6.6754, 7.0280,
0.0000

 159.5427,
167.8960, 60.5760

 3.3044, 3.4796,
0.0000

 196.8404,
207.1433, 81.6904

 1.3167, 1.3870,
0.0000

 239.5403,

 0.1957, 0.2071,

252.0747, 107.2164

0.0000

288.0077,
303.0745, 137.5725

■ 0.0000, 0.0000,
0.0000

■ 41.2985, 43.4666,
6.5298

■ 41.2985, 43.4666,
6.5298

■ 40.8578, 42.6822,
6.0851

■ 42.2376, 45.0265,
7.8253

■ 43.3763, 46.6979,
10.0733

■ 44.7454, 48.4951,
13.4305

■ 46.3693, 50.4282,
18.0246

■ 48.2690, 52.5059,
23.9660

■ 50.4634, 54.7359,
31.3528

■ 52.9695, 57.1252,
40.2738

■ 55.8030, 59.6806,
50.8109

■ 58.9783, 62.4078,
63.0400

Harmonies

Analogous

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



54.4725, 43.4666, 9.2974



41.2985, 43.4666, 6.5298



30.4441, 43.4666, 9.3121

Triad

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



41.2985, 43.4666, 6.5298



23.8497, 43.4666, 90.6521



65.7406, 43.4666, 90.5358

Complementary

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



41.2985, 43.4666, 6.5298



12.6636, 6.7084, 60.9486

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.



54.5042, 43.4666, 135.0477



41.2985, 43.4666, 6.5298



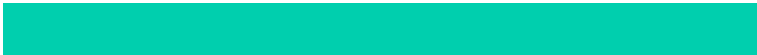
30.4655, 43.4666, 135.1353

Square

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



41.2985, 43.4666, 6.5298



21.6878, 43.4666, 47.3713



41.3289, 43.4666, 154.4468



70.2026, 43.4666, 47.2842

Rectangle

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



41.2985, 43.4666, 6.5298



25.5367, 43.4666, 15.5201



41.3289, 43.4666, 154.4468



62.5322, 43.4666, 106.4962

Sweetspot

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



41.2995, 43.4687, 6.5307



81.6077, 88.2197, 57.8548



26.9336, 14.0027, 4.0057



17.1039, 18.5344, 11.0944



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.



41.2995, 43.4687, 6.5307



63.9524, 66.6848, 9.5008



34.7691, 51.7638, 8.4760



12.6131, 13.4168, 12.5370



25.2583, 26.4496, 3.7740



1.4610, 1.5764, 0.2273

Inverse Universe

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



12.6636, 6.7084, 60.9486



19.0411, 9.2022, 95.3804



14.4302, 6.2875, 60.7743



11.3351, 11.7604, 14.9162



7.5754, 3.7974, 37.5262



0.4773, 0.3197, 2.1161

Previews

White Background



This preview shows how the XYZ color 41.2985, 43.4666, 6.5298 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 41.2985, 43.4666, 6.5298 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 41.2985, 43.4666, 6.5298

Background



This preview shows how black text looks on a background with the XYZ color 41.2985, 43.4666, 6.5298.



This preview shows how white text looks on a background with the XYZ color 41.2985, 43.4666,

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

41.2985, 43.4666, 6.5298

Protanopia

39.3480, 43.6155, 6.7255

Deuteranopia

44.3764, 43.3759, 6.6953



Tritanopia

49.2011, 43.4123, 45.3214

Trichromacy



Original Color

41.2985, 43.4666, 6.5298

Protanomaly

40.2203, 43.7737, 6.6772

Deuteranomaly

43.2026, 43.3218, 6.6152

Tritanomaly

44.5167, 42.5722, 21.7906

Monochromacy



Original Color

41.2985, 43.4666, 6.5298

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8190, 38.9331, 20.0950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2985, 43.4666, 6.5298 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(209, 173, 11)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 11)  
}
```

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(209, 173, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 11) }
```

Border

The CSS property to change the border of an element to XYZ 41.2985, 43.4666, 6.5298 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(209, 173, 11) }
```


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

```
.border{ border-color:rgb(209, 173, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 173, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 11);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2985, 43.4666, 6.5298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 11) }
```

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

```
.background{ background-color: rgb(209,  
173, 11) }
```

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