

Converting Colors

XYZ(43.6605, 41.1645, 5.8454)

Have a look what the booklet for
XYZ(43.6605, 41.1645, 5.8454)
contains.

XYZ(43.6605, 41.1645, 5.8454)	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(43.6605, 41.1645,
5.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A007
RGB	225, 160, 7
RGB Percent	88%, 63%, 3%
CMY	0.1177, 0.3725, 0.9725
CMYK	0.00, 0.29, 0.97, 0.12
HSL	42°, 94%, 45%
HSV	42°, 97%, 88%
XYZ	43.6605, 41.1645, 5.8454
YIQ	161.9930, 87.8530, -33.8030

Conversions

Conversions Part 2

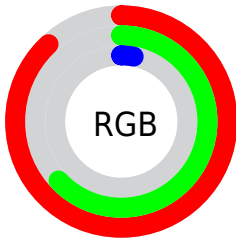
Format	Color
RYB	100, 225, 7
Decimal	14786567
CIELab	70.29, 13.85, 73.33
CIELCh	70, 74.626, 79.306
Yxy	41.1645, 0.4815, 0.4540
Android (android.graphics.Color)	4292976647 (0xFFE1A007)
YUV	161.9930, -76.4115, 55.2571
Hunter-Lab	64.1596, 9.1898, 39.5099

Details

The XYZ color **43.6605, 41.1645, 5.8454** 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 **15.9962, 10.1172, 72.3433**, and the grayscale version is **34.6592, 36.4641, 39.7094**.

A 20% lighter version of the original color is **66.6979, 69.9176, 17.3772**, and **20.7785, 18.8298, 2.5394** is the 20% darker color. If you saturate the color by 10%, you get **43.2634, 40.4321, 5.5239**, and if you desaturate by 10%, it is **45.0458, 43.6317, 7.2436**.

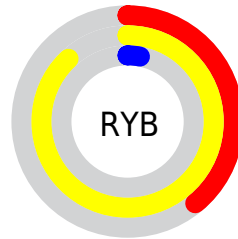
Distribution



Red (88%)

Green (63%)

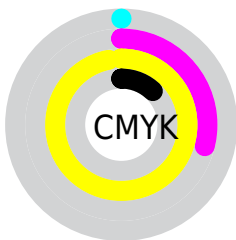
Blue (3%)



Red (39%)

Yellow (88%)

Blue (3%)

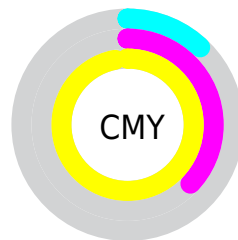


Cyan (0%)

Magenta (29%)

Yellow (97%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6605, 41.1645, 5.8454 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 43.6605, 41.1645, 5.8454 by changing the saturation by 10% instead.


 43.6605, 41.1645,
5.8454

 43.6605, 41.1645,
5.8454


352.1967,
351.0077, 166.9412

 30.6005, 28.4476,
2.6840


 79.9562, 76.9335,
18.0812


 20.4451, 18.6634,
0.9354


 103.9225,
100.7545, 27.9928


 12.8292, 11.4273,
0.0000


 132.2549,
129.0457, 40.9915

 7.3872, 6.3550,
0.0000

 165.3189,
162.1914, 57.4959

 3.7539, 3.0621,
0.0000

 203.4797,
200.5760, 77.9246

 1.5639, 1.1643,
0.0000

 247.1027,

 0.3687, 0.0322,

244.5840, 102.6960

0.0000

296.5532,
294.5998, 132.2287

■ 0.0000, 0.0000,
0.0000

■ 43.6605, 41.1645,
5.8454

■ 43.6605, 41.1645,
5.8454

■ 43.2634, 40.4321,
5.5239

■ 45.0458, 43.6317,
7.2436

■ 46.6961, 46.3052,
9.7272

■ 48.6524, 49.2045,
13.5030

■ 50.9458, 52.3436,
18.7310

■ 53.6033, 55.7346,
25.5479

■ 56.6485, 59.3885,
34.0743

■ 60.1029, 63.3153,
44.4193

■ 63.9864, 67.5241,
56.6827

■ 68.3171, 72.0237,
70.9571

Harmonies

Analogous

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



56.5772, 41.1645, 10.6663



43.6605, 41.1645, 5.8454



31.8448, 41.1645, 6.5457

Triad

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



43.6605, 41.1645, 5.8454



20.8427, 41.1645, 71.0215



59.8353, 41.1645, 104.7476

Complementary

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



43.6605, 41.1645, 5.8454



15.9962, 10.1172, 72.3433

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.



47.4394, 41.1645, 143.3617



43.6605, 41.1645, 5.8454



25.6916, 41.1645, 117.8719

Square

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



43.6605, 41.1645, 5.8454



20.2470, 41.1645, 33.4342



34.9162, 41.1645, 149.1276



67.1289, 41.1645, 58.5380

Rectangle

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



43.6605, 41.1645, 5.8454



26.0233, 41.1645, 10.2679



34.9162, 41.1645, 149.1276



56.0200, 41.1645, 119.8849

Sweetspot

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



43.6614, 41.1666, 5.8462



78.7108, 82.8486, 55.5858



32.3104, 16.6330, 7.7088



16.4229, 17.2518, 10.6227



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.



43.6614, 41.1666, 5.8462



57.3542, 53.4884, 7.3014



46.1140, 63.7378, 10.0736



14.5087, 15.3034, 14.4959



25.0371, 23.5120, 3.2187



1.8124, 1.7837, 0.2488

Inverse Universe

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



15.9962, 10.1172, 72.3433



20.6365, 12.3929, 95.9122



15.0124, 6.2822, 71.6550



13.2835, 13.9061, 17.3717



9.0802, 5.6299, 41.6565



0.7059, 0.5433, 2.9129

Previews

White Background



This preview shows how the XYZ color 43.6605, 41.1645, 5.8454 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 43.6605, 41.1645, 5.8454 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 43.6605, 41.1645, 5.8454

Background



This preview shows how black text looks on a background with the XYZ color 43.6605, 41.1645, 5.8454.



This preview shows how white text looks on a background with the XYZ color 43.6605, 41.1645,

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

43.6605, 41.1645, 5.8454

Protanopia

37.2779, 41.3910, 6.4764

Deuteranopia

42.0106, 41.0998, 5.7189



Tritanopia

50.3713, 41.1888, 38.5531

Trichromacy



Original Color

43.6605, 41.1645, 5.8454

Protanomaly

39.2458, 41.0109, 6.1953

Deuteranomaly

42.7556, 41.2194, 5.7888

Tritanomaly

46.2030, 40.4400, 18.4672

Monochromacy



Original Color

43.6605, 41.1645, 5.8454

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.3540, 36.8446, 18.8840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6605, 41.1645, 5.8454 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(225, 160, 7)` looks like.

```
.text, #text, p{  
    color:rgb(225, 160, 7)  
}
```

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(225, 160, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 160, 7) }
```

Border

The CSS property to change the border of an element to XYZ 43.6605, 41.1645, 5.8454 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(225, 160, 7) }
```


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

```
.border{ border-color:rgb(225, 160, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 160, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 160, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 160, 7);  
box-shadow:4px 4px 4px 4px rgb(225, 160,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6605, 41.1645, 5.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 160, 7) }
```

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

```
.background{ background-color: rgb(225,  
160, 7) }
```

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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