

Converting Colors

XYZ(40.6118, 39.8400, 6.2589)

Have a look what the booklet for
XYZ(40.6118, 39.8400, 6.2589)
contains.

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Color

**XYZ(40.6118, 39.8400,
6.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A115
RGB	214, 161, 21
RGB Percent	84%, 63%, 8%
CMY	0.1608, 0.3686, 0.9176
CMYK	0.00, 0.25, 0.90, 0.16
HSL	44°, 82%, 46%
HSV	44°, 90%, 84%
XYZ	40.6118, 39.8400, 6.2589
YIQ	160.8870, 76.5280, -32.3040

Conversions

Conversions Part 2

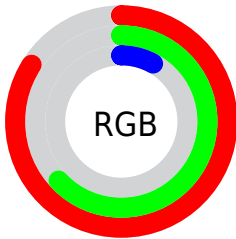
Format	Color
R_{YB}	94, 214, 21
Decimal	14065941
CIE _{Lab}	69.36, 8.68, 69.98
CIE _{LCh}	69, 70.515, 82.926
Yxy	39.8400, 0.4684, 0.4595
Android (android.graphics.Color)	4292256021 (0xFFD6A115)
YUV	160.8870, -68.9643, 46.5801
Hunter-Lab	63.1189, 4.3918, 38.3040

Details

The XYZ color **40.6118, 39.8400, 6.2589** 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 **14.8959, 9.9125, 64.7461**, and the grayscale version is **34.1105, 35.8869, 39.0809**.

A 20% lighter version of the original color is **67.1407, 70.5010, 18.4569**, and **18.9024, 18.0219, 2.4823** is the 20% darker color. If you saturate the color by 10%, you get **39.4922, 37.8176, 5.2181**, and if you desaturate by 10%, it is **41.9538, 42.0604, 8.1363**.

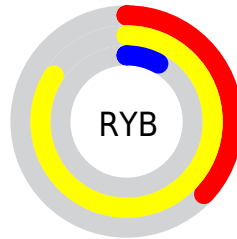
Distribution



Red (84%)

Green (63%)

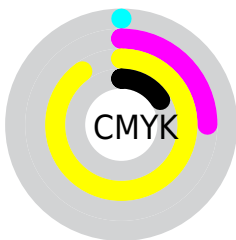
Blue (8%)



Red (37%)

Yellow (84%)

Blue (8%)

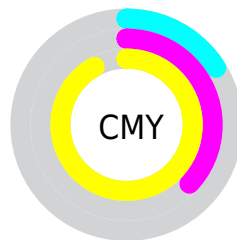


Cyan (0%)

Magenta (25%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6118, 39.8400, 6.2589 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 40.6118, 39.8400, 6.2589 by changing the saturation by 10% instead.

40.6118, 39.8400,
6.2589

40.6118, 39.8400,
6.2589

339.7859,
345.4487, 170.7455

28.2022, 27.4138,
2.9318

75.3727, 74.9198,
18.9528

18.6194, 17.8843,
1.0599

98.4547, 98.3422,
29.1567

11.4979, 10.8669,
0.0000

125.8249,
126.1988, 42.4900

6.4726, 5.9774,
0.0000

157.8486,
158.8741, 59.3711

3.1779, 2.8314,
0.0000

194.8912,
196.7523, 80.2187

1.2485, 1.0443,
0.0000

237.3180,

0.1442, 0.0000,

240.2178, 105.4513

0.0000

285.4945,
289.6552, 135.4874

■ 0.0000, 0.0000,
0.0000

■ 40.6118, 39.8400,
6.2589

■ 40.6118, 39.8400,
6.2589

■ 39.4922, 37.8176,
5.2181

■ 41.9538, 42.0604,
8.1363

■ 43.5486, 44.4586,
11.1081

■ 45.4263, 47.0491,
15.3251

■ 47.6115, 49.8430,
20.9135

■ 50.1256, 52.8496,
27.9842

■ 52.9883, 56.0778,
36.6365

■ 56.2171, 59.5356,
46.9611

■ 59.8287, 63.2305,
59.0419

■ 63.8383, 67.1696,
72.9570

Harmonies

Analogous

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



52.5673, 39.8400, 10.2239



40.6118, 39.8400, 6.2589



30.0027, 39.8400, 7.5649

Triad

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



40.6118, 39.8400, 6.2589



21.1453, 39.8400, 72.4852



58.0302, 39.8400, 92.8735

Complementary

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



40.6118, 39.8400, 6.2589



14.8959, 9.9125, 64.7461

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.



46.9972, 39.8400, 129.8814



40.6118, 39.8400, 6.2589



26.1993, 39.8400, 114.5735

Square

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



40.6118, 39.8400, 6.2589



20.1088, 39.8400, 36.1442



35.2482, 39.8400, 139.3489



63.8441, 39.8400, 51.5200

Rectangle

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



40.6118, 39.8400, 6.2589



24.8896, 39.8400, 11.8662



35.2482, 39.8400, 139.3489



54.7150, 39.8400, 106.9308

Sweetspot

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



40.6127, 39.8420, 6.2597



80.1415, 84.8568, 58.6931



29.2934, 15.3502, 8.2000



16.8148, 17.7930, 11.5009



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.



40.6127, 39.8420, 6.2597



58.5846, 55.9491, 7.7115



41.2357, 56.9386, 9.5268



13.1711, 13.9164, 13.1527



23.9616, 23.0403, 3.1843



1.5127, 1.5246, 0.2146

Inverse Universe

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



14.8959, 9.9125, 64.7461



20.2415, 11.6029, 95.7805



14.4445, 6.4426, 64.1001



12.0174, 12.5582, 15.7281



8.3495, 4.9607, 38.9706



0.5728, 0.4376, 2.3736

Previews

White Background



This preview shows how the XYZ color 40.6118, 39.8400, 6.2589 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 40.6118, 39.8400, 6.2589 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 40.6118, 39.8400, 6.2589

Background



This preview shows how black text looks on a background with the XYZ color 40.6118, 39.8400, 6.2589.



This preview shows how white text looks on a background with the XYZ color 40.6118, 39.8400,

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

40.6118, 39.8400, 6.2589

Protanopia

36.0255, 39.8918, 6.6653

Deuteranopia

40.6118, 39.8400, 6.2589



Tritanopia

47.4636, 39.9155, 38.9211

Trichromacy



Original Color

40.6118, 39.8400, 6.2589

Protanomaly

37.5266, 39.8414, 6.5229

Deuteranomaly

40.6118, 39.8400, 6.2589

Tritanomaly

43.5835, 39.2971, 20.0398

Monochromacy



Original Color

40.6118, 39.8400, 6.2589

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3817, 36.3188, 19.9500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6118, 39.8400, 6.2589 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(214, 161, 21)` looks like.

```
.text, #text, p{  
    color:rgb(214, 161, 21)  
}
```

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(214, 161, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 161, 21) }
```

Border

The CSS property to change the border of an element to XYZ 40.6118, 39.8400, 6.2589 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(214, 161, 21) }
```


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

```
.border{ border-color:rgb(214, 161, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 161, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 161, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 161, 21);  
box-shadow:4px 4px 4px 4px rgb(214, 161,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6118, 39.8400, 6.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 161, 21) }
```

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

```
.background{ background-color: rgb(214,  
161, 21) }
```

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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