

Converting Colors

XYZ(37.0059, 35.1874, 8.2198)

Have a look what the booklet for
XYZ(37.0059, 35.1874, 8.2198)
contains.

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Color

**XYZ(37.0025, 35.1915,
8.2106)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9635
RGB	206, 150, 53
RGB Percent	81%, 59%, 21%
CMY	0.1922, 0.4117, 0.7921
CMYK	0.00, 0.27, 0.74, 0.19
HSL	38°, 61%, 51%
HSV	38°, 74%, 81%
XYZ	37.0025, 35.1915, 8.2106
YIQ	155.6860, 64.5130, -18.2950

Conversions

Conversions Part 2

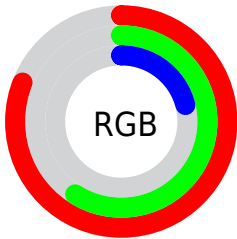
Format	Color
RYB	141, 206, 53
Decimal	13538869
CIELab	65.90, 12.08, 56.71
CIELCh	66, 57.980, 77.970
Yxy	35.1915, 0.4602, 0.4377
Android (android.graphics.Color)	4291728949 (0xFFCE9635)
YUV	155.6860, -50.6242, 44.1254
Hunter-Lab	59.3224, 7.5255, 33.3196

Details

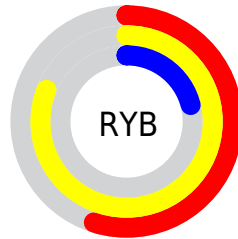
The XYZ color **37.0025, 35.1915, 8.2106** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **18.0772, 16.1498, 60.5565**, and the grayscale version is **31.6591, 33.3078, 36.2722**.

A 20% lighter version of the original color is **65.4344, 65.4863, 22.8270**, and **16.4945, 15.1267, 2.0504** is the 20% darker color. If you saturate the color by 10%, you get **35.4622, 32.7133, 5.8407**, and if you desaturate by 10%, it is **38.8254, 37.9095, 11.6797**.

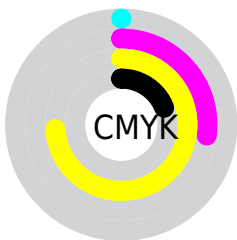
Distribution



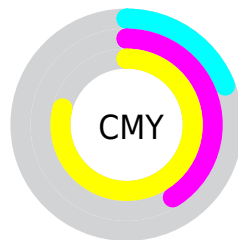
- Red (81%)
- Green (59%)
- Blue (21%)



- Red (55%)
- Yellow (81%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0025, 35.1915, 8.2106 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 37.0025, 35.1915, 8.2106 by changing the saturation by 10% instead.


 37.0025, 35.1915,
8.2106


 37.0025, 35.1915,
8.2106


324.6767,
325.4128, 187.3705


 25.3831, 23.8104,
4.1403


 69.8904, 67.7823,
22.9232

 16.4930, 15.1931,
1.7026


 91.8897, 89.7609,
34.4026

 9.9667, 8.9550,
0.3625


 118.0796,
116.0407, 49.1888

 5.4390, 4.7118,
0.0000

 148.8256,
147.0062, 67.7004

 2.5444, 2.0792,
0.0000

 184.4929,
183.0417, 90.3557

 0.9177, 0.6529,
0.0000

 225.4469,

 0.0000, 0.0000,

224.5318, 117.5735

0.0000

272.0531,
271.8607, 149.7723

■ 37.0025, 35.1915,
8.2106

■ 37.0025, 35.1915,
8.2106

■ 35.4622, 32.7133,
5.8407

■ 38.8254, 37.9095,
11.6797

■ 34.1724, 30.4554,
4.4190

■ 40.9532, 40.8741,
16.3686

■ 33.5170, 29.2490,
3.8791

■ 43.4080, 44.0978,
22.3842

■ 46.2091, 47.5905,
29.8212

■ 49.3739, 51.3612,
38.7653

■ 52.9188, 55.4184,
49.2955

■ 56.8587, 59.7702,
61.4854

■ 61.2079, 64.4243,
75.4036

■ 65.9799, 69.3878,
91.1152

Harmonies

Analogous

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



45.7410, 35.1915, 12.8631



37.0025, 35.1915, 8.2106



28.6169, 35.1915, 8.6723

Triad

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



37.0025, 35.1915, 8.2106



20.0929, 35.1915, 54.8029



47.2451, 35.1915, 79.4040

Complementary

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



37.0025, 35.1915, 8.2106



18.0772, 16.1498, 60.5565

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.



38.7953, 35.1915, 103.0365



37.0025, 35.1915, 8.2106



23.5828, 35.1915, 85.1595

Square

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



37.0025, 35.1915, 8.2106



19.7798, 35.1915, 29.2976



30.1296, 35.1915, 105.5041



52.2960, 35.1915, 49.0214

Rectangle

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



37.0025, 35.1915, 8.2106



24.2985, 35.1915, 11.8525



30.1296, 35.1915, 105.5041



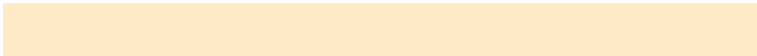
44.6478, 35.1915, 88.8728

Sweetspot

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



37.0033, 35.1933, 8.2113



81.0936, 84.4916, 66.0064



29.4924, 16.7745, 16.1802



17.0359, 17.7105, 13.1928



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.



37.0033, 35.1933, 8.2113



56.1914, 50.8265, 7.9506



42.8664, 54.7883, 11.6845



11.7952, 12.3794, 11.8472



20.7341, 18.2012, 2.4204



1.1404, 1.0805, 0.1485

Inverse Universe

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



18.0772, 16.1498, 60.5565



24.2267, 18.8604, 96.9713



15.1920, 8.4350, 59.2194



10.9323, 11.5051, 14.2149



8.5107, 6.0455, 36.6746



0.5109, 0.4556, 1.9160

Previews

White Background



This preview shows how the XYZ color 37.0025, 35.1915, 8.2106 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 37.0025, 35.1915, 8.2106 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 37.0025, 35.1915, 8.2106

Background



This preview shows how black text looks on a background with the XYZ color 37.0025, 35.1915, 8.2106.



This preview shows how white text looks on a background with the XYZ color 37.0025, 35.1915,

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

37.0025, 35.1915, 8.2106

Protanopia

32.0491, 35.3590, 8.8772

Deuteranopia

35.9355, 35.1219, 8.1340



Tritanopia

42.1154, 34.9876, 33.8117

Trichromacy



Original Color

37.0025, 35.1915, 8.2106

Protanomaly

33.7328, 35.2086, 8.6325

Deuteranomaly

36.3150, 35.0777, 8.1055

Tritanomaly

39.6461, 34.8860, 20.8637

Monochromacy



Original Color

37.0025, 35.1915, 8.2106

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3409, 33.4418, 22.2031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0025, 35.1915, 8.2106 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(206, 150, 53)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 53)  
}
```

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(206, 150, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 53) }
```

Border

The CSS property to change the border of an element to XYZ 37.0025, 35.1915, 8.2106 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(206, 150, 53) }
```


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

```
.border{ border-color:rgb(206, 150, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 53);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0025, 35.1915, 8.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 53) }
```

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

```
.background{ background-color: rgb(206,  
150, 53) }
```

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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