

Converting Colors

XYZ(35.8409, 36.0987, 9.0134)

Have a look what the booklet for
XYZ(35.8409, 36.0987, 9.0134)
contains.

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Color

**XYZ(35.9157, 36.0781,
8.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	C69C39
RGB	198, 156, 57
RGB Percent	78%, 61%, 22%
CMY	0.2235, 0.3882, 0.7765
CMYK	0.00, 0.21, 0.71, 0.22
HSL	42°, 55%, 50%
HSV	42°, 71%, 78%
XYZ	35.9157, 36.0781, 8.9417
YIQ	157.2720, 56.8110, -21.8850

Conversions

Conversions Part 2

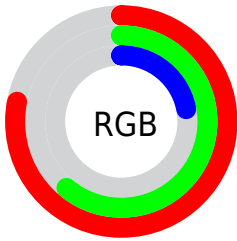
Format	Color
RYB	117, 198, 57
Decimal	13016121
CIELab	66.58, 5.53, 55.45
CIElCh	67, 55.721, 84.300
Yxy	36.0781, 0.4438, 0.4458
Android (android.graphics.Color)	4291206201 (0xFFC69C39)
YUV	157.2720, -49.4341, 35.7185
Hunter-Lab	60.0650, 1.6197, 33.2192

Details

The XYZ color **35.9157, 36.0781, 8.9417** 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 **16.3421, 13.8703, 55.2417**, and the grayscale version is **32.3691, 34.0549, 37.0857**.

A 20% lighter version of the original color is **67.1011, 68.4790, 24.4330**, and **15.8668, 15.6786, 2.1900** is the 20% darker color. If you saturate the color by 10%, you get **34.5493, 33.9878, 6.5064**, and if you desaturate by 10%, it is **37.5243, 38.3451, 12.4084**.

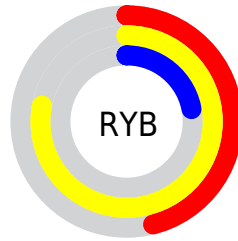
Distribution



Red (78%)

Green (61%)

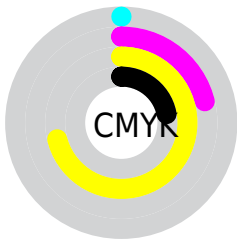
Blue (22%)



Red (46%)

Yellow (78%)

Blue (22%)

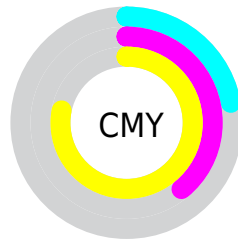


Cyan (0%)

Magenta (21%)

Yellow (71%)

Black (22%)



Cyan (22%)


Magenta (39%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9157, 36.0781, 8.9417 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 35.9157, 36.0781, 8.9417 by changing the saturation by 10% instead.


 35.9157, 36.0781,
8.9417


 35.9157, 36.0781,
8.9417


320.0296,
329.3018, 193.1444


 24.5389, 24.4945,
4.6069


 68.2267, 69.1526,
24.3608

 15.8608, 15.7009,
1.9638


 89.8915, 91.4123,
36.2823


 9.5159, 9.3127,
0.5329


 115.7165,
117.9995, 51.5696

 5.1390, 4.9457,
0.0000

 146.0668,
149.2986, 70.6414

 2.3646, 2.2154,
0.0000

 181.3080,
185.6940, 93.9163

 0.8274, 0.7284,
0.0000

 221.8052,

 0.0000, 0.0000,

227.5700, 121.8127

0.0000

267.9240,
275.3112, 154.7492

■ 35.9157, 36.0781,
8.9417

■ 35.9157, 36.0781,
8.9417

■ 34.5493, 33.9878,
6.5064

■ 37.5243, 38.3451,
12.4084

■ 33.3982, 32.0579,
4.9745

■ 39.3935, 40.7927,
17.0100

■ 32.5252, 30.4789,
4.1688

■ 41.5420, 43.4312,
22.8397

■ 43.9864, 46.2679,
29.9805

■ 46.7415, 49.3099,
38.5080

■ 49.8212, 52.5638,
48.4920

■ 53.2384, 56.0355,
59.9978

■ 57.0053, 59.7310,
73.0864

■ 61.1334, 63.6558,
87.8156

Harmonies

Analogous

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



44.5733, 36.0781, 12.4712



35.9157, 36.0781, 8.9417



28.0818, 36.0781, 10.4585

Triad

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



35.9157, 36.0781, 8.9417



21.6082, 36.0781, 61.4830



49.1021, 36.0781, 72.8112

Complementary

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



35.9157, 36.0781, 8.9417



16.3421, 13.8703, 55.2417

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.



41.3543, 36.0781, 98.0943



35.9157, 36.0781, 8.9417



25.7259, 36.0781, 89.9018

Square

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



35.9157, 36.0781, 8.9417



20.6331, 36.0781, 34.8777



32.7163, 36.0781, 105.3682



52.9415, 36.0781, 44.0443

Rectangle

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



35.9157, 36.0781, 8.9417



24.2286, 36.0781, 14.6565



32.7163, 36.0781, 105.3682



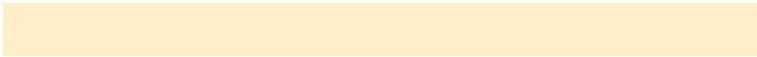
46.8131, 36.0781, 82.4006

Sweetspot

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



35.9165, 36.0799, 8.9424



82.7170, 87.2610, 68.0197



27.0185, 15.8389, 13.5134



17.4003, 18.3465, 13.6002



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.



35.9165, 36.0799, 8.9424



60.1036, 58.4209, 9.9635



37.4670, 49.2072, 11.3945



11.2469, 11.8629, 11.2598



21.2296, 19.9764, 2.7369



1.0662, 1.0678, 0.1499

Inverse Universe

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



16.3421, 13.8703, 55.2417



23.6896, 17.2989, 96.6982



15.4210, 8.9445, 54.3395



10.3099, 10.7939, 13.4575



7.7108, 4.8154, 35.2674



0.4294, 0.3566, 1.6913

Previews

White Background



This preview shows how the XYZ color 35.9157, 36.0781, 8.9417 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 35.9157, 36.0781, 8.9417 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 35.9157, 36.0781, 8.9417

Background



This preview shows how black text looks on a background with the XYZ color 35.9157, 36.0781, 8.9417.



This preview shows how white text looks on a background with the XYZ color 35.9157, 36.0781,

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

35.9157, 36.0781, 8.9417

Protanopia

32.7658, 35.9802, 9.3556

Deuteranopia

36.6764, 35.9732, 9.0135



Tritanopia

41.5415, 35.9712, 36.6520

Trichromacy



Original Color

35.9157, 36.0781, 8.9417

Protanomaly

33.8280, 36.0119, 9.1710

Deuteranomaly

36.5725, 36.1657, 9.0561

Tritanomaly

38.7147, 35.7497, 22.9491

Monochromacy



Original Color

35.9157, 36.0781, 8.9417

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5214, 34.2651, 22.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9157, 36.0781, 8.9417 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(198, 156, 57)` looks like.

```
.text, #text, p{  
    color:rgb(198, 156, 57)  
}
```

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(198, 156, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 156, 57) }
```

Border

The CSS property to change the border of an element to XYZ 35.9157, 36.0781, 8.9417 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(198, 156, 57) }
```


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

```
.border{ border-color:rgb(198, 156, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 156, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 156, 57); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 156, 57); box-shadow:4px 4px 4px 4px rgb(198, 156, 57) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9157, 36.0781, 8.9417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 156, 57) }
```

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

```
.background{ background-color: rgb(198,  
156, 57) }
```

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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