

Converting Colors

XYZ(35.1760, 34.4865, 6.8022)

Have a look what the booklet for
XYZ(35.1760, 34.4865, 6.8022)
contains.

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Color

**XYZ(35.2690, 34.5658,
6.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	C89728
RGB	200, 151, 40
RGB Percent	78%, 59%, 16%
CMY	0.2157, 0.4078, 0.8431
CMYK	0.00, 0.24, 0.80, 0.22
HSL	42°, 67%, 47%
HSV	42°, 80%, 78%
XYZ	35.2690, 34.5658, 6.8205
YIQ	152.9970, 64.8350, -24.1330

Conversions

Conversions Part 2

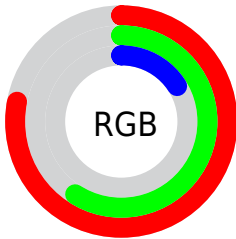
Format	Color
R _Y B	111, 200, 40
Decimal	13145896
CIE Lab	65.41, 8.40, 60.93
CIE LCh	65, 61.507, 82.154
Yxy	34.5658, 0.4601, 0.4509
Android (android.graphics.Color)	4291335976 (0xFFC89728)
YUV	152.9970, -55.7075, 41.2216
Hunter-Lab	58.7927, 4.1927, 34.2767

Details

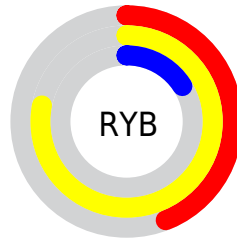
The XYZ color **35.2690, 34.5658, 6.8205** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **14.8727, 11.7657, 56.1302**, and the grayscale version is **30.4931, 32.0811, 34.9363**.

A 20% lighter version of the original color is **65.1369, 65.7489, 20.0842**, and **15.5417, 14.7771, 2.0331** is the 20% darker color. If you saturate the color by 10%, you get **34.0528, 32.5443, 5.1489**, and if you desaturate by 10%, it is **36.7139, 36.7635, 9.4366**.

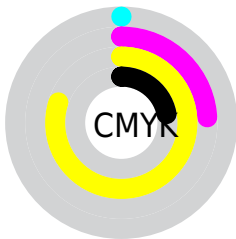
Distribution



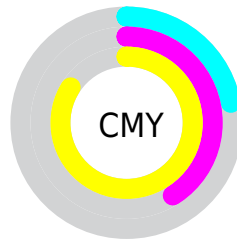
- Red (78%)
- Green (59%)
- Blue (16%)



- Red (44%)
- Yellow (78%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2690, 34.5658, 6.8205 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 35.2690, 34.5658, 6.8205 by changing the saturation by 10% instead.


 35.2690, 34.5658,
6.8205


 35.2690, 34.5658,
6.8205

317.2413,
322.6476, 175.7377


 24.0376, 23.3286,
3.2734


 67.2336, 66.8126,
20.1179


 15.4864, 14.8363,
1.2359


 88.6975, 88.5909,
30.7052

 9.2500, 8.7046,
0.0083


 114.3030,
114.6518, 44.4763

 4.9630, 4.5490,
0.0000

 144.4154,
145.3796, 61.8497

 2.2601, 1.9852,
0.0000

 179.4001,
181.1587, 83.2440

 0.7741, 0.5988,
0.0000

 219.6224,

 0.0000, 0.0000,

222.3734, 109.0778

0.0000

265.4477,
269.4083, 139.7695

■ 35.2690, 34.5658,
6.8205

■ 35.2690, 34.5658,
6.8205

■ 34.0528, 32.5443,
5.1489

■ 36.7139, 36.7635,
9.4366

■ 33.0167, 30.6742,
4.1807

■ 38.4097, 39.1433,
13.1213

■ 33.0164, 30.6737,
4.1805

■ 40.3782, 41.7165,
17.9816

■ 42.6377, 44.4916,
24.1111

■ 45.2049, 47.4763,
31.5938

■ 48.0949, 50.6779,
40.5065

■ 51.3220, 54.1032,
50.9201

■ 54.8994, 57.7584,
62.9009

■ 58.8393, 61.6495,
76.5111

Harmonies

Analogous

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



44.6341, 34.5658, 10.5261



35.2690, 34.5658, 6.8205



26.7601, 34.5658, 7.8938

Triad

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



35.2690, 34.5658, 6.8205



19.3101, 34.5658, 59.5471



48.4714, 34.5658, 76.8856

Complementary

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



35.2690, 34.5658, 6.8205



14.8727, 11.7657, 56.1302

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.



39.8086, 34.5658, 104.5751



35.2690, 34.5658, 6.8205



23.3532, 34.5658, 91.7859

Square

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



35.2690, 34.5658, 6.8205



18.5392, 34.5658, 31.2781



30.5514, 34.5658, 111.0066



53.1119, 34.5658, 44.8025

Rectangle

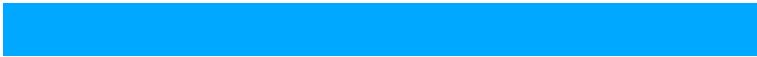
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.2690, 34.5658, 6.8205



22.5698, 34.5658, 11.5821



30.5514, 34.5658, 111.0066



45.8656, 34.5658, 87.5221

Sweetspot

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



35.2698, 34.5675, 6.8212



81.0253, 85.2864, 63.1127



26.4522, 14.5468, 11.2366



16.9608, 17.8294, 12.3379



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.



35.2698, 34.5675, 6.8212



57.6247, 53.9400, 7.6672



37.7592, 50.0819, 9.6845



11.2392, 11.8476, 11.2572



21.0755, 19.6682, 2.6855



1.0598, 1.0551, 0.1478

Inverse Universe

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



14.8727, 11.7657, 56.1302



21.4390, 13.8084, 96.1431



13.6624, 6.9655, 55.2674



10.3172, 10.8084, 13.4599



7.7683, 4.9306, 35.2866



0.4328, 0.3633, 1.6925

Previews

White Background



This preview shows how the XYZ color 35.2690, 34.5658, 6.8205 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 35.2690, 34.5658, 6.8205 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 35.2690, 34.5658, 6.8205

Background



This preview shows how black text looks on a background with the XYZ color 35.2690, 34.5658, 6.8205.



This preview shows how white text looks on a background with the XYZ color 35.2690, 34.5658,

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

35.2690, 34.5658, 6.8205

Protanopia

31.4065, 34.5471, 7.2035

Deuteranopia

35.2690, 34.5658, 6.8205



Tritanopia

40.9245, 34.5821, 34.2238

Trichromacy



Original Color

35.2690, 34.5658, 6.8205

Protanomaly

32.7822, 34.5018, 7.0295

Deuteranomaly

35.2690, 34.5658, 6.8205

Tritanomaly

37.8965, 34.2359, 19.6497

Monochromacy



Original Color

35.2690, 34.5658, 6.8205

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7304, 32.1724, 19.9195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2690, 34.5658, 6.8205 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(200, 151, 40)` looks like.

```
.text, #text, p{  
    color:rgb(200, 151, 40)  
}
```

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(200, 151, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 151, 40) }
```

Border

The CSS property to change the border of an element to XYZ 35.2690, 34.5658, 6.8205 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(200, 151, 40) }
```


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

```
.border{ border-color:rgb(200, 151, 40) }
```

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

Here you see how a box with a 4 pixel rgb(200, 151, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 151, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 151, 40);  
box-shadow:4px 4px 4px 4px rgb(200, 151,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2690, 34.5658, 6.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 151, 40) }
```

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

```
.background{ background-color: rgb(200,  
151, 40) }
```

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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