

Converting Colors

XYZ(35.4608, 34.5812, 10.6003)

Have a look what the booklet for
XYZ(35.4608, 34.5812, 10.6003)
contains.

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Color

**XYZ(35.4608, 34.5812,
10.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	C69746
RGB	198, 151, 70
RGB Percent	78%, 59%, 27%
CMY	0.2235, 0.4078, 0.7255
CMYK	0.00, 0.24, 0.65, 0.22
HSL	38°, 53%, 53%
HSV	38°, 65%, 78%
XYZ	35.4608, 34.5812, 10.6002
YIQ	155.8190, 54.0130, -15.2270

Conversions

Conversions Part 2

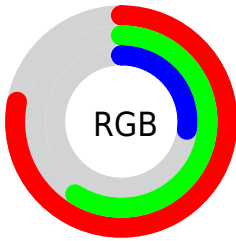
Format	Color
RYB	144, 198, 70
Decimal	13014854
CIELab	65.42, 8.99, 48.38
CIElCh	65, 49.205, 79.467
Yxy	34.5812, 0.4397, 0.4288
Android (android.graphics.Color)	4291204934 (0xFFC69746)
YUV	155.8190, -42.3088, 36.9927
Hunter-Lab	58.8058, 4.7282, 30.4766

Details

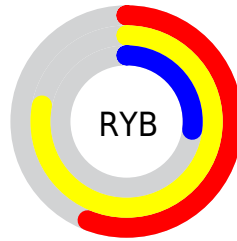
The XYZ color **35.4608, 34.5812, 10.6002** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.0798, 18.1011, 55.9140**, and the grayscale version is **31.6858, 33.3359, 36.3028**.

A 20% lighter version of the original color is **66.5225, 66.3031, 27.3808**, and **15.6429, 14.8175, 2.5659** is the 20% darker color. If you saturate the color by 10%, you get **33.8020, 32.1043, 7.4558**, and if you desaturate by 10%, it is **37.3994, 37.2882, 14.8550**.

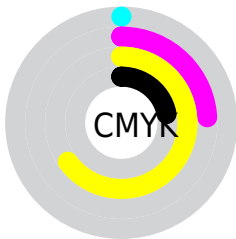
Distribution



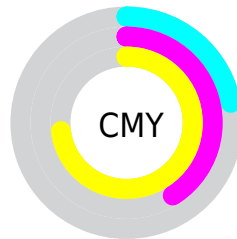
- Red (78%)
- Green (59%)
- Blue (27%)



- Red (56%)
- Yellow (78%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (65%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4608, 34.5812, 10.6002 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 35.4608, 34.5812, 10.6002 by changing the saturation by 10% instead.


 35.4608, 34.5812,
10.6002


 35.4608, 34.5812,
10.6002


318.0701,
322.7159, 205.5417


 24.1862, 23.3404,
5.6879


 67.5283, 66.8365,
27.5437

 15.5973, 14.8451,
2.5906


 89.0520, 88.6198,
40.4120


 9.3287, 8.7107,
0.8876


 114.7228,
114.6861, 56.7694

 5.0150, 4.5530,
0.0000

 144.9059,
145.4197, 77.0345

 2.2909, 1.9875,
0.0000

 179.9669,
181.2051, 101.6257

 0.7900, 0.6002,
0.0000

220.2710,

 0.0000, 0.0000,

222.4267, 130.9616

0.0000

266.1837,
269.4688, 165.4608

■ 35.4608, 34.5812,
10.6002

■ 35.4608, 34.5812,
10.6002

■ 33.8020, 32.1043,
7.4558

■ 37.3994, 37.2882,
14.8550

■ 32.3981, 29.8415,
5.3078

■ 39.6350, 40.2300,
20.3147

■ 31.2229, 27.7814,
4.0214

■ 42.1857, 43.4173,
27.0663

■ 30.6607, 26.7501,
3.5473

■ 45.0677, 46.8583,
35.1877

■ 48.2955, 50.5610,
44.7509

■ 51.8830, 54.5325,
55.8228

■ 55.8432, 58.7799,
68.4659

■ 60.1882, 63.3098,
82.7394

■ 64.9296, 68.1285,
98.6991

Harmonies

Analogous

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



42.6963, 34.5812, 14.8655



35.4608, 34.5812, 10.6002



28.4729, 34.5812, 11.3008

Triad

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



35.4608, 34.5812, 10.6002



21.4810, 34.5812, 52.4497



44.5352, 34.5812, 69.6900

Complementary

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



35.4608, 34.5812, 10.6002



19.0798, 18.1011, 55.9140

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.



37.6944, 34.5812, 88.6779



35.4608, 34.5812, 10.6002



24.6777, 34.5812, 76.4737

Square

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



35.4608, 34.5812, 10.6002



21.0640, 34.5812, 30.8695



30.4055, 34.5812, 91.5339



48.4198, 34.5812, 45.3640

Rectangle

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



35.4608, 34.5812, 10.6002



24.8407, 34.5812, 14.6123



30.4055, 34.5812, 91.5339



42.4624, 34.5812, 77.2350

Sweetspot

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



35.4616, 34.5829, 10.6009



82.7930, 86.4340, 71.0632



28.8127, 17.7198, 19.3758



17.3702, 18.0962, 14.1761



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.



35.4616, 34.5829, 10.6009



58.6789, 54.9918, 11.2760



40.8438, 50.9056, 13.4678



11.1839, 11.7369, 11.2388



20.0235, 17.5642, 2.3349



1.0155, 0.9664, 0.1330

Inverse Universe

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



19.0798, 18.1011, 55.9140



27.5533, 23.7973, 97.7489



16.1237, 10.3861, 54.5806



10.3703, 10.9146, 13.4776



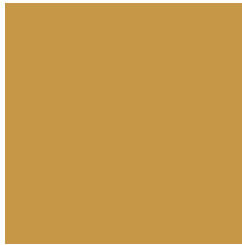
8.2404, 5.8747, 35.4440



0.4592, 0.4161, 1.7013

Previews

White Background



This preview shows how the XYZ color 35.4608, 34.5812, 10.6002 looks on a white background.

Color Contrast Check

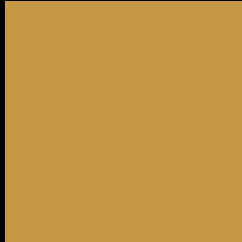
Large Text (above 18pt) WCAG AA × Fail

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 35.4608, 34.5812, 10.6002 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 35.4608, 34.5812, 10.6002

Background



This preview shows how black text looks on a background with the XYZ color 35.4608, 34.5812, 10.6002.



This preview shows how white text looks on a background with the XYZ color 35.4608, 34.5812,

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

35.4608, 34.5812, 10.6002

Protanopia

31.7322, 34.6244, 11.3140

Deuteranopia

35.1981, 34.4457, 10.5879



Tritanopia

40.3246, 34.4833, 34.6676

Trichromacy



Original Color

35.4608, 34.5812, 10.6002

Protanomaly

33.0657, 34.5591, 11.0587

Deuteranomaly

35.1981, 34.4457, 10.5879

Tritanomaly

38.0577, 34.2374, 23.3415

Monochromacy



Original Color

35.4608, 34.5812, 10.6002

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0519, 33.2498, 24.1306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4608, 34.5812, 10.6002 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, 151, 70)` looks like.

```
.text, #text, p{  
    color:rgb(198, 151, 70)  
}
```

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, 151, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 151, 70) }
```

Border

The CSS property to change the border of an element to XYZ 35.4608, 34.5812, 10.6002 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, 151, 70) }
```


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

```
.border{ border-color:rgb(198, 151, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 151, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 151, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 151, 70);  
box-shadow:4px 4px 4px 4px rgb(198, 151,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4608, 34.5812, 10.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 151, 70) }
```

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

```
.background{ background-color: rgb(198,  
151, 70) }
```

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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