

Converting Colors

XYZ(34.0793, 33.3682, 11.6657)

Have a look what the booklet for
XYZ(34.0793, 33.3682, 11.6657)
contains.

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Color

**XYZ(34.0793, 33.3682,
11.6657)**

Conversions

Conversions Part 1

Format	Color
Hex	C1954D
RGB	193, 149, 77
RGB Percent	76%, 58%, 30%
CMY	0.2431, 0.4157, 0.6980
CMYK	0.00, 0.23, 0.60, 0.24
HSL	37°, 48%, 53%
HSV	37°, 60%, 76%
XYZ	34.0793, 33.3682, 11.6657
YIQ	153.9480, 49.3360, -13.0640

Conversions

Conversions Part 2

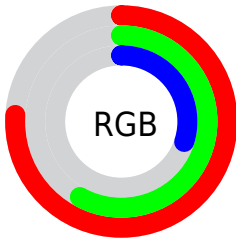
Format	Color
RYB	148, 193, 77
Decimal	12686669
CIELab	64.46, 8.41, 43.73
CIELCh	64, 44.531, 79.114
Yxy	33.3682, 0.4308, 0.4218
Android (android.graphics.Color)	4290876749 (0xFFC1954D)
YUV	153.9480, -37.9354, 34.2486
Hunter-Lab	57.7652, 4.2191, 28.4620

Details

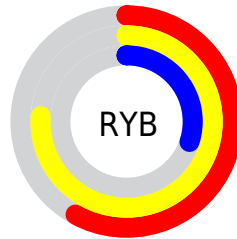
The XYZ color **34.0793, 33.3682, 11.6657** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **19.5232, 19.1019, 53.1098**, and the grayscale version is **30.8392, 32.4452, 35.3328**.

A 20% lighter version of the original color is **65.3971, 64.9658, 29.5149**, and **14.7189, 14.0487, 2.9728** is the 20% darker color. If you saturate the color by 10%, you get **32.3746, 30.8924, 8.2199**, and if you desaturate by 10%, it is **36.0605, 36.0737, 16.2017**.

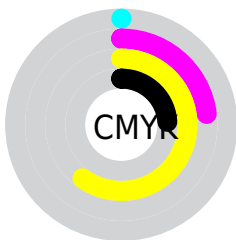
Distribution



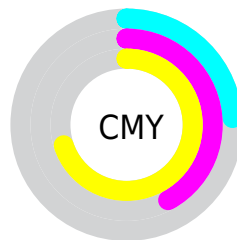
- Red (76%)
- Green (58%)
- Blue (30%)



- Red (58%)
- Yellow (76%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0793, 33.3682, 11.6657 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 34.0793, 33.3682, 11.6657 by changing the saturation by 10% instead.


 34.0793, 33.3682,
11.6657


 34.0793, 33.3682,
11.6657


312.0652,
317.3056, 213.0782


 23.1177, 22.4087,
6.3967


 65.4004, 64.9500,
29.5400


 14.8016, 14.1575,
3.0151


 86.4907, 86.3410,
42.9824

 8.7657, 8.2303,
1.1024


 111.6879,
111.9779, 59.9863

 4.6445, 4.2427,
0.0000

 141.3573,
142.2452, 80.9704

 2.0728, 1.8102,
0.0000

 175.8645,
177.5272, 106.3530

 0.6744, 0.4935,
0.0000

215.5746,

 0.0000, 0.0000,

218.2084, 136.5528

0.0000

260.8530,
264.6730, 171.9884

■ 34.0793, 33.3682,
11.6657

■ 34.0793, 33.3682,
11.6657

■ 32.3746, 30.8924,
8.2199

■ 36.0605, 36.0737,
16.2017

■ 30.9243, 28.6314,
5.7644

■ 38.3335, 39.0131,
21.9117

■ 29.7059, 26.5753,
4.1846

■ 40.9147, 42.1964,
28.8737

■ 28.6847, 24.7225,
3.2601

■ 43.8188, 45.6314,
37.1583

■ 47.0594, 49.3254,
46.8306

■ 50.6489, 53.2853,
57.9517

■ 54.5995, 57.5177,
70.5789

■ 58.9225, 62.0291,
84.7662

■ 63.6286, 66.8254,
100.5652

Harmonies

Analogous

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



40.4035, 33.3682, 15.7802



34.0793, 33.3682, 11.6657



27.8808, 33.3682, 12.2856

Triad

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



34.0793, 33.3682, 11.6657



21.5155, 33.3682, 49.0359



41.8776, 33.3682, 64.3848

Complementary

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



34.0793, 33.3682, 11.6657



19.5232, 19.1019, 53.1098

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.



35.8865, 33.3682, 80.4349



34.0793, 33.3682, 11.6657



24.3717, 33.3682, 69.7239

Square

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



34.0793, 33.3682, 11.6657



21.1672, 33.3682, 30.1166



29.4636, 33.3682, 82.6621



45.2894, 33.3682, 43.3493

Rectangle

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



34.0793, 33.3682, 11.6657



24.6155, 33.3682, 15.3845



29.4636, 33.3682, 82.6621



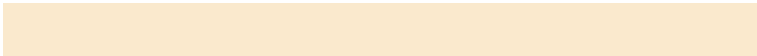
40.0641, 33.3682, 70.8041

Sweetspot

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



34.0801, 33.3698, 11.6664



79.4916, 82.8965, 69.5167



28.1261, 18.0374, 20.2390



16.7060, 17.3812, 13.8967



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0801, 33.3698, 11.6664



57.1514, 54.0638, 13.2129



39.1078, 48.3149, 14.2861



10.5821, 11.0957, 10.6458



19.1579, 16.6016, 2.1947



0.8925, 0.8467, 0.1164

Inverse Universe

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



19.5232, 19.1019, 53.1098



28.8824, 26.4350, 93.9405



16.5483, 11.3589, 51.7720



9.8344, 10.3601, 12.7662



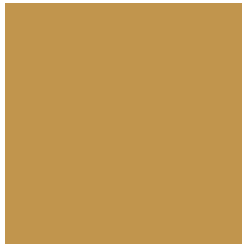
8.0672, 5.8908, 34.2685



0.4151, 0.3877, 1.5028

Previews

White Background



This preview shows how the XYZ color 34.0793, 33.3682, 11.6657 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 34.0793, 33.3682, 11.6657 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 34.0793, 33.3682, 11.6657

Background



This preview shows how black text looks on a background with the XYZ color 34.0793, 33.3682, 11.6657.



This preview shows how white text looks on a background with the XYZ color 34.0793, 33.3682,

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

34.0793, 33.3682, 11.6657

Protanopia

30.7385, 33.5774, 12.4504

Deuteranopia

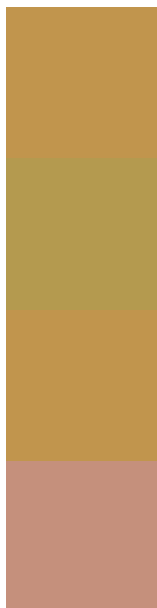
34.0793, 33.3682, 11.6657



Tritanopia

38.6640, 33.4262, 33.6923

Trichromacy



Original Color

34.0793, 33.3682, 11.6657

Protanomaly

31.7893, 33.3790, 12.1645

Deuteranomaly

34.0793, 33.3682, 11.6657

Tritanomaly

36.6373, 33.2721, 23.5599

Monochromacy



Original Color

34.0793, 33.3682, 11.6657

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1426, 32.2877, 24.3294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0793, 33.3682, 11.6657 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(193, 149, 77)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 77)  
}
```

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(193, 149, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 77) }
```

Border

The CSS property to change the border of an element to XYZ 34.0793, 33.3682, 11.6657 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(193, 149, 77) }
```


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

```
.border{ border-color:rgb(193, 149, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 149, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 149, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 149, 77);  
box-shadow:4px 4px 4px 4px rgb(193, 149,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0793, 33.3682, 11.6657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 77) }
```

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

```
.background{ background-color: rgb(193,  
149, 77) }
```

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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