

Converting Colors

XYZ(34.1319, 34.3680, 11.0817)

Have a look what the booklet for
XYZ(34.1319, 34.3680, 11.0817)
contains.

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Color

**XYZ(34.0797, 34.3399,
11.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9949
RGB	191, 153, 73
RGB Percent	75%, 60%, 29%
CMY	0.2510, 0.4000, 0.7137
CMYK	0.00, 0.20, 0.62, 0.25
HSL	41°, 48%, 52%
HSV	41°, 62%, 75%
XYZ	34.0797, 34.3399, 11.1354
YIQ	155.2420, 48.3280, -16.8240

Conversions

Conversions Part 2

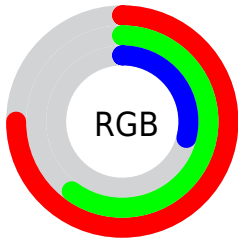
Format	Color
RYB	129, 191, 73
Decimal	12556617
CIELab	65.23, 5.08, 46.53
CIELCh	65, 46.802, 83.772
Yxy	34.3399, 0.4284, 0.4316
Android (android.graphics.Color)	4290746697 (0xFFBF9949)
YUV	155.2420, -40.5453, 31.3598
Hunter-Lab	58.6003, 1.2584, 29.7537

Details

The XYZ color **34.0797, 34.3399, 11.1354** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **17.8358, 16.5463, 51.5436**, and the grayscale version is **31.4228, 33.0593, 36.0015**.

A 20% lighter version of the original color is **65.3753, 66.4049, 28.4406**, and **14.7277, 14.6290, 2.8065** is the 20% darker color. If you saturate the color by 10%, you get **32.5605, 32.1642, 7.9702**, and if you desaturate by 10%, it is **35.8468, 36.7005, 15.3432**.

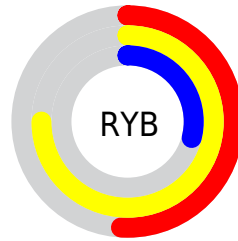
Distribution



Red (75%)

Green (60%)

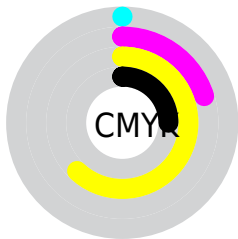
Blue (29%)



Red (51%)

Yellow (75%)

Blue (29%)

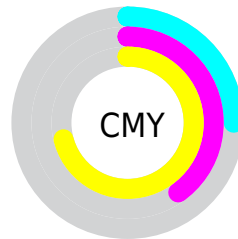


Cyan (0%)

Magenta (20%)

Yellow (62%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0797, 34.3399, 11.1354 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 34.0797, 34.3399, 11.1354 by changing the saturation by 10% instead.


 34.0797, 34.3399,
11.1354


 34.0797, 34.3399,
11.1354


312.0669,
321.6450, 209.3648


 23.1180, 23.1548,
6.0427


 65.4011, 66.4619,
28.5507


 14.8018, 14.7079,
2.8018


 86.4914, 88.1676,
41.7104


 8.7658, 8.6146,
0.9944


 111.6888,
114.1490, 58.3962

 4.6446, 4.4907,
0.0000

 141.3584,
144.7905, 79.0265

 2.0729, 1.9517,
0.0000

 175.8657,
180.4764, 104.0200

 0.6744, 0.5792,
0.0000

215.5759,

 0.0000, 0.0000,

221.5912, 133.7952

0.0000

260.8546,
268.5193, 168.7706

■ 34.0797, 34.3399,
11.1354

■ 34.0797, 34.3399,
11.1354

■ 32.5605, 32.1642,
7.9702

■ 35.8468, 36.7005,
15.3432

■ 31.2676, 30.1594,
5.7481

■ 37.8764, 39.2490,
20.6769

■ 30.1791, 28.3169,
4.3537

■ 40.1844, 41.9943,
27.2134

■ 29.4019, 26.9086,
3.6442

■ 42.7847, 44.9431,
35.0223

■ 45.6902, 48.1017,
44.1679

■ 48.9130, 51.4760,
54.7102

■ 52.4643, 55.0717,
66.7054

■ 56.3549, 58.8941,
80.2066

■ 60.5949, 62.9483,
95.2642

Harmonies

Analogous

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



41.0015, 34.3399, 14.5716



34.0797, 34.3399, 11.1354



27.6424, 34.3399, 12.5078

Triad

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



34.0797, 34.3399, 11.1354



22.0666, 34.3399, 54.6265



44.3763, 34.3399, 64.2067

Complementary

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



34.0797, 34.3399, 11.1354



17.8358, 16.5463, 51.5436

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.



38.2042, 34.3399, 83.2543



34.0797, 34.3399, 11.1354



25.4988, 34.3399, 76.5107

Square

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



34.0797, 34.3399, 11.1354



21.2803, 34.3399, 33.4693



31.2396, 34.3399, 88.4023



47.4556, 34.3399, 41.6062

Rectangle

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



34.0797, 34.3399, 11.1354



24.3962, 34.3399, 16.3291



31.2396, 34.3399, 88.4023



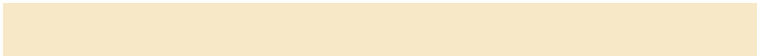
42.5564, 34.3399, 71.5144

Sweetspot

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



34.0805, 34.3416, 11.1361



77.8659, 81.8603, 66.5571



26.8117, 17.0190, 17.2990



16.7817, 17.6255, 13.6350



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.



34.0805, 34.3416, 11.1361



57.4871, 56.3546, 12.7446



36.7007, 46.4379, 13.3328



10.0562, 10.5884, 10.0904



19.3981, 17.8349, 2.4201



0.8166, 0.8122, 0.1137

Inverse Universe

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



17.8358, 16.5463, 51.5436



26.0910, 22.0651, 91.1630



16.2673, 10.8369, 50.5243



9.2606, 9.7135, 12.0590



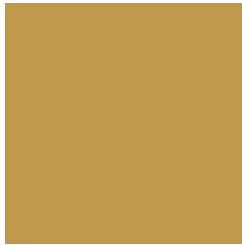
7.3599, 4.8316, 32.9376



0.3490, 0.3107, 1.3104

Previews

White Background



This preview shows how the XYZ color 34.0797, 34.3399, 11.1354 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 34.0797, 34.3399, 11.1354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

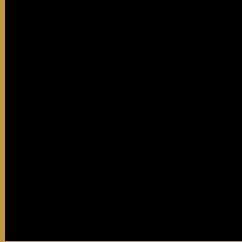
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0797, 34.3399, 11.1354

Background



This preview shows how black text looks on a background with the XYZ color 34.0797, 34.3399, 11.1354.



This preview shows how white text looks on a background with the XYZ color 34.0797, 34.3399,

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

34.0797, 34.3399, 11.1354

Protanopia

31.5726, 34.5344, 11.6584

Deuteranopia

35.0676, 34.3634, 11.2631



Tritanopia

39.1784, 34.3188, 35.5696

Trichromacy



Original Color

34.0797, 34.3399, 11.1354

Protanomaly

32.3491, 34.4321, 11.4196

Deuteranomaly

34.7124, 34.4202, 11.2928

Tritanomaly

36.6411, 33.9502, 24.0239

Monochromacy



Original Color

34.0797, 34.3399, 11.1354

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4057, 32.9167, 24.1003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0797, 34.3399, 11.1354 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(191, 153, 73)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 73)  
}
```

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(191, 153, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 73) }
```

Border

The CSS property to change the border of an element to XYZ 34.0797, 34.3399, 11.1354 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(191, 153, 73) }
```


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

```
.border{ border-color:rgb(191, 153, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 73);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0797, 34.3399, 11.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 73) }
```

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

```
.background{ background-color: rgb(191,  
153, 73) }
```

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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