

Converting Colors

XYZ(36.4988, 35.9345, 11.9308)

Have a look what the booklet for
XYZ(36.4988, 35.9345, 11.9308)
contains.

XYZ(36.4133, 35.7751, 11.8236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.4133, 35.7751,
11.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	C79A4C
RGB	199, 154, 76
RGB Percent	78%, 60%, 30%
CMY	0.2196, 0.3961, 0.7020
CMYK	0.00, 0.23, 0.62, 0.22
HSL	38°, 52%, 54%
HSV	38°, 62%, 78%
XYZ	36.4133, 35.7751, 11.8236
YIQ	158.5630, 51.8580, -14.7180

Conversions

Conversions Part 2

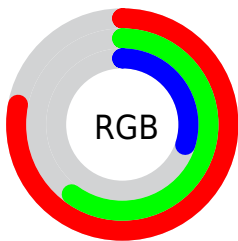
Format	Color
RYB	147, 199, 76
Decimal	13081164
CIELab	66.35, 8.20, 46.56
CIElCh	66, 47.277, 80.017
Yxy	35.7751, 0.4334, 0.4258
Android (android.graphics.Color)	4291271244 (0xFFC79A4C)
YUV	158.5630, -40.7036, 35.4632
Hunter-Lab	59.8123, 3.9980, 30.1482

Details

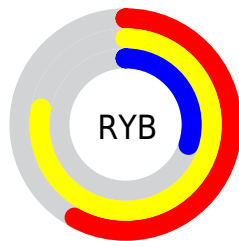
The XYZ color **36.4133, 35.7751, 11.8236** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **20.1264, 19.3340, 56.7036**, and the grayscale version is **32.9192, 34.6335, 37.7159**.

A 20% lighter version of the original color is **67.6266, 67.9041, 29.6212**, and **16.1810, 15.5215, 3.0628** is the 20% darker color. If you saturate the color by 10%, you get **34.6605, 33.2108, 8.3380**, and if you desaturate by 10%, it is **38.4546, 38.5743, 16.4616**.

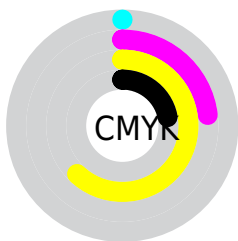
Distribution



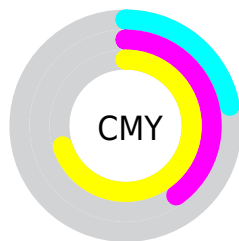
- Red (78%)
- Green (60%)
- Blue (30%)



- Red (58%)
- Yellow (78%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4133, 35.7751, 11.8236 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 36.4133, 35.7751, 11.8236 by changing the saturation by 10% instead.


 36.4133, 35.7751,
11.8236


 36.4133, 35.7751,
11.8236

322.1632,
327.9765, 214.1703


 24.9252, 24.2606,
6.5026

 68.9892, 68.6848,
29.8330


 16.1497, 15.5270,
3.0793


 90.8077, 90.8487,
43.3585


 9.7217, 9.1901,
1.1353


 116.8003,
117.3313, 60.4559

 5.2757, 4.8654,
0.0000

 147.3325,
148.5168, 81.5437

 2.4463, 2.1685,
0.0000

 182.7695,
184.7896, 107.0405

 0.8683, 0.7027,
0.0000

223.4767,

 0.0000, 0.0000,

226.5343, 137.3648

0.0000

269.8195,
274.1351, 172.9352

■ 36.4133, 35.7751,
11.8236

■ 36.4133, 35.7751,
11.8236

■ 34.6605, 33.2108,
8.3380

■ 38.4546, 38.5743,
16.4616

■ 33.1719, 30.8653,
5.8946

■ 40.8011, 41.6127,
22.3444

■ 31.9227, 28.7280,
4.3647

■ 43.4707, 44.9009,
29.5573

■ 31.0398, 27.1156,
3.5979

■ 46.4793, 48.4471,
38.1777

■ 49.8414, 52.2591,
48.2766

■ 53.5708, 56.3441,
59.9205

■ 57.6802, 60.7090,
73.1716

■ 62.1820, 65.3605,
88.0889

■ 67.0712, 70.2983,
104.6416

Harmonies

Analogous

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



43.5022, 35.7751, 16.0971



36.4133, 35.7751, 11.8236



29.5610, 35.7751, 12.6372

Triad

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



36.4133, 35.7751, 11.8236



22.7678, 35.7751, 53.8490



45.5129, 35.7751, 69.6881

Complementary

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



36.4133, 35.7751, 11.8236



20.1264, 19.3340, 56.7036

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.



38.8694, 35.7751, 88.1473



36.4133, 35.7751, 11.8236



25.9985, 35.7751, 77.0242

Square

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



36.4133, 35.7751, 11.8236



22.3003, 35.7751, 32.5894



31.7018, 35.7751, 91.2187



49.2168, 35.7751, 46.0954

Rectangle

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



36.4133, 35.7751, 11.8236



25.9932, 35.7751, 16.1055



31.7018, 35.7751, 91.2187



43.5097, 35.7751, 77.0003

Sweetspot

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



36.4141, 35.7768, 11.8243



82.8118, 86.4715, 71.0695



29.5951, 18.6942, 20.1703



17.3747, 18.1053, 14.1776



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.



36.4141, 35.7768, 11.8243



59.7850, 56.7623, 13.0060



41.1613, 51.3868, 14.5871



11.1851, 11.7393, 11.2392



20.0453, 17.6077, 2.3421



1.0164, 0.9683, 0.1333

Inverse Universe

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



20.1264, 19.3340, 56.7036



29.0270, 25.8087, 98.0594



17.3473, 11.5888, 55.3551



10.3691, 10.9122, 13.4773



8.2290, 5.8520, 35.4402



0.4586, 0.4149, 1.7011

Previews

White Background



This preview shows how the XYZ color 36.4133, 35.7751, 11.8236 looks on a white background.

Color Contrast Check

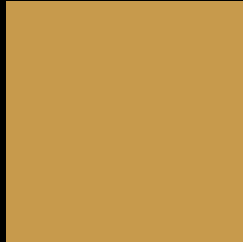
Large Text (above 18pt) WCAG AA × Fail

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 36.4133, 35.7751, 11.8236 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 36.4133, 35.7751, 11.8236

Background



This preview shows how black text looks on a background with the XYZ color 36.4133, 35.7751, 11.8236.



This preview shows how white text looks on a background with the XYZ color 36.4133, 35.7751,

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

36.4133, 35.7751, 11.8236

Protanopia

32.8859, 35.9744, 12.4182

Deuteranopia

36.4133, 35.7751, 11.8236



Tritanopia

41.3030, 35.6302, 36.1529

Trichromacy



Original Color

36.4133, 35.7751, 11.8236

Protanomaly

33.9874, 35.7712, 12.1344

Deuteranomaly

36.4133, 35.7751, 11.8236

Tritanomaly

39.0493, 35.4086, 24.8551

Monochromacy



Original Color

36.4133, 35.7751, 11.8236

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4750, 34.6976, 25.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4133, 35.7751, 11.8236 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(199, 154, 76)` looks like.

```
.text, #text, p{  
    color:rgb(199, 154, 76)  
}
```

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(199, 154, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 76) }
```

Border

The CSS property to change the border of an element to XYZ 36.4133, 35.7751, 11.8236 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(199, 154, 76) }
```


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

```
.border{ border-color:rgb(199, 154, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 154, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 76);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4133, 35.7751, 11.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 76) }
```

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

```
.background{ background-color: rgb(199,  
154, 76) }
```

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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