

Converting Colors

XYZ(35.6952, 33.3354, 11.4915)

Have a look what the booklet for
XYZ(35.6952, 33.3354, 11.4915)
contains.

XYZ(35.5523, 33.2041, 11.5564)	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(35.5523, 33.2041,
11.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	C9914D
RGB	201, 145, 77
RGB Percent	79%, 57%, 30%
CMY	0.2118, 0.4314, 0.6980
CMYK	0.00, 0.28, 0.62, 0.21
HSL	33°, 53%, 55%
HSV	33°, 62%, 79%
XYZ	35.5523, 33.2041, 11.5564
YIQ	153.9920, 55.2040, -9.2760

Conversions

Conversions Part 2

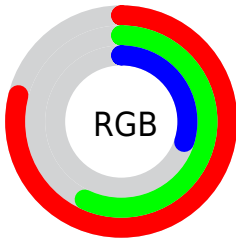
Format	Color
RYB	179, 201, 77
Decimal	13209933
CIELab	64.33, 14.03, 43.80
CIELCh	64, 45.991, 72.244
Yxy	33.2041, 0.4427, 0.4134
Android (android.graphics.Color)	4291400013 (0xFFC9914D)
YUV	153.9920, -37.9571, 41.2260
Hunter-Lab	57.6230, 9.2909, 28.4454

Details

The XYZ color **35.5523, 33.2041, 11.5564** 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 **21.9902, 22.5688, 58.4551**, and the grayscale version is **30.8568, 32.4637, 35.3530**.

A 20% lighter version of the original color is **65.5597, 63.6654, 29.2553**, and **15.6295, 14.1079, 2.9979** is the 20% darker color. If you saturate the color by 10%, you get **33.6174, 30.3001, 7.9348**, and if you desaturate by 10%, it is **37.8188, 36.4207, 16.3708**.

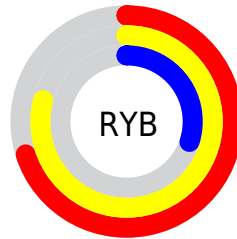
Distribution



Red (79%)

Green (57%)

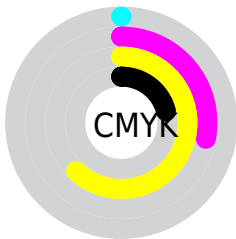
Blue (30%)



Red (70%)

Yellow (79%)

Blue (30%)

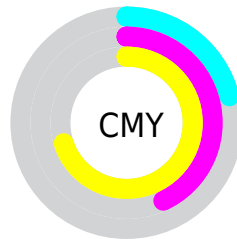


Cyan (0%)

Magenta (28%)

Yellow (62%)

Black (21%)



Cyan (21%)

Magenta (43%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5523, 33.2041, 11.5564 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 35.5523, 33.2041, 11.5564 by changing the saturation by 10% instead.

■ 35.5523, 33.2041,
11.5564

■ 35.5523, 33.2041,
11.5564

318.4650,
316.5684, 212.3186

■ 24.2571, 22.2828,
6.3235

■ 67.6689, 64.6940,
29.3368

■ 15.6502, 14.0649,
2.9708

■ 89.2210, 86.0315,
42.7214

■ 9.3663, 8.1658,
1.0798

■ 114.9229,
111.6099, 59.6603

■ 5.0399, 4.2012,
0.0000

■ 145.1397,
141.8135, 80.5721

■ 2.3057, 1.7868,
0.0000

■ 180.2370,
177.0268, 105.8752

■ 0.7976, 0.4789,
0.0000

220.5801,

■ 0.0000, 0.0000,

217.6341, 135.9884

0.0000

266.5343,
264.0198, 171.3300

■ 35.5523, 33.2041,
11.5564

■ 35.5523, 33.2041,
11.5564

■ 33.6174, 30.3001,
7.9348

■ 37.8188, 36.4207,
16.3708

■ 31.9884, 27.6904,
5.3928

■ 40.4354, 39.9573,
22.4733

■ 30.6381, 25.3611,
3.7985

■ 43.4216, 43.8269,
29.9514

■ 29.6884, 23.6197,
2.9943

■ 46.7947, 48.0402,
38.8847

■ 50.5708, 52.6072,
49.3464

■ 54.7649, 57.5374,
61.4049

■ 59.3912, 62.8401,
75.1242

■ 64.4632, 68.5238,
90.5649

■ 69.5229, 74.4088,
105.3058

Harmonies

Analogous

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



41.8151, 33.2041, 16.9430



35.5523, 33.2041, 11.5564



28.9668, 33.2041, 11.1423

Triad

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



35.5523, 33.2041, 11.5564



20.7956, 33.2041, 44.3427



40.7920, 33.2041, 69.9091

Complementary

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



35.5523, 33.2041, 11.5564



21.9902, 22.5688, 58.4551

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.



34.3025, 33.2041, 84.0105



35.5523, 33.2041, 11.5564



23.1349, 33.2041, 66.1762

Square

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



35.5523, 33.2041, 11.5564



21.0335, 33.2041, 26.2443



27.8774, 33.2041, 82.4476



45.1158, 33.2041, 48.2877

Rectangle

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



35.5523, 33.2041, 11.5564



25.3140, 33.2041, 13.4455



27.8774, 33.2041, 82.4476



38.7561, 33.2041, 75.9740

Sweetspot

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



35.5531, 33.2057, 11.5570



81.6208, 84.0895, 70.6725



31.1051, 19.4710, 24.9916



17.0864, 17.5285, 14.0814



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.



35.5531, 33.2057, 11.5570



56.5673, 50.3270, 11.9334



45.2170, 54.1611, 15.0925



11.1079, 11.5849, 11.2134



18.7596, 15.0365, 1.9136



0.9599, 0.8553, 0.1145

Inverse Universe

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



21.9902, 22.5688, 58.4551



31.4662, 30.6870, 98.8725



16.6015, 11.2804, 56.5603



10.4445, 11.0631, 13.5024



9.0574, 7.5087, 35.7163



0.5010, 0.4997, 1.7152

Previews

White Background



This preview shows how the XYZ color 35.5523, 33.2041, 11.5564 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 35.5523, 33.2041, 11.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

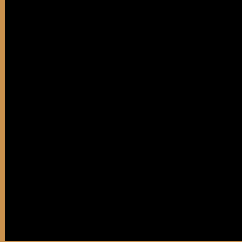
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5523, 33.2041, 11.5564

Background



This preview shows how black text looks on a background with the XYZ color 35.5523, 33.2041, 11.5564.



This preview shows how white text looks on a background with the XYZ color 35.5523, 33.2041,

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

35.5523, 33.2041, 11.5564

Protanopia

30.3869, 33.1417, 12.5800

Deuteranopia

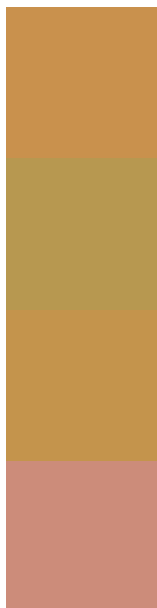
34.0443, 33.3542, 11.4811



Tritanopia

39.6657, 33.1197, 31.9059

Trichromacy



Original Color

35.5523, 33.2041, 11.5564

Protanomaly

32.2046, 33.1029, 12.2816

Deuteranomaly

34.6594, 33.4374, 11.4648

Tritanomaly

37.7928, 32.9987, 22.7898

Monochromacy



Original Color

35.5523, 33.2041, 11.5564

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.6271, 32.2975, 24.3058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5523, 33.2041, 11.5564 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(201, 145, 77)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 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(201, 145, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 77) }
```

Border

The CSS property to change the border of an element to XYZ 35.5523, 33.2041, 11.5564 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(201, 145, 77) }
```


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

```
.border{ border-color:rgb(201, 145, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 145, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 77);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5523, 33.2041, 11.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 77) }
```

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

```
.background{ background-color: rgb(201,  
145, 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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