

Converting Colors

XYZ(35.2518, 33.5943, 5.9978)

Have a look what the booklet for
XYZ(35.2518, 33.5943, 5.9978)
contains.

XYZ(35.3230, 33.6682, 6.0034)	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(35.3230, 33.6682,
6.0034)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9320
RGB	203, 147, 32
RGB Percent	80%, 58%, 13%
CMY	0.2039, 0.4235, 0.8745
CMYK	0.00, 0.28, 0.84, 0.20
HSL	40°, 73%, 46%
HSV	40°, 84%, 80%
XYZ	35.3230, 33.6682, 6.0034
YIQ	150.6340, 70.2910, -23.8930

Conversions

Conversions Part 2

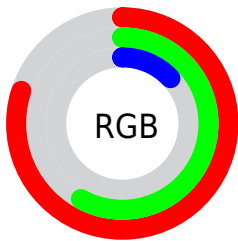
Format	Color
RYB	115, 203, 32
Decimal	13341472
CIELab	64.70, 11.64, 63.01
CIELCh	65, 64.080, 79.531
Yxy	33.6682, 0.4710, 0.4489
Android (android.graphics.Color)	4291531552 (0xFFCB9320)
YUV	150.6340, -58.4866, 45.9250
Hunter-Lab	58.0243, 7.1215, 34.4827

Details

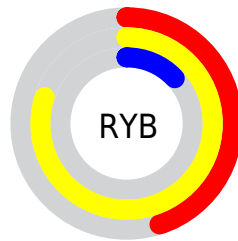
The XYZ color **35.3230, 33.6682, 6.0034** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **14.8648, 11.5982, 57.9546**, and the grayscale version is **29.4808, 31.0161, 33.7765**.

A 20% lighter version of the original color is **63.8881, 63.7379, 18.1679**, and **15.7763, 14.4787, 1.9632** is the 20% darker color. If you saturate the color by 10%, you get **34.1235, 31.5832, 4.6361**, and if you desaturate by 10%, it is **36.7535, 35.9439, 8.2857**.

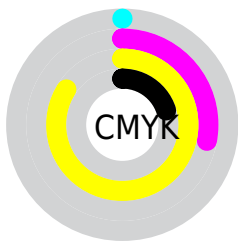
Distribution



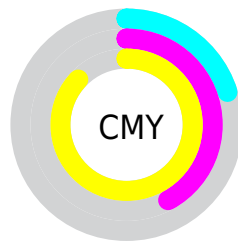
- Red (80%)
- Green (58%)
- Blue (13%)



- Red (45%)
- Yellow (80%)
- Blue (13%)



- Cyan (0%)
- Magenta (28%)
- Yellow (84%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3230, 33.6682, 6.0034 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 35.3230, 33.6682, 6.0034 by changing the saturation by 10% instead.


 35.3230, 33.6682,
6.0034


 35.3230, 33.6682,
6.0034


317.4748,
318.6500, 168.4087


 24.0795, 22.6388,
2.7783


 67.3166, 65.4174,
18.4157


 15.5176, 14.3270,
0.9826


 88.7973, 86.9059,
28.4401

 9.2721, 8.3485,
0.0000


 114.4212,
112.6497, 41.5679

 4.9776, 4.3187,
0.0000

 144.5536,
143.0330, 58.2178

 2.2688, 1.8534,
0.0000

 179.5597,
178.4403, 78.8083

 0.7786, 0.5201,
0.0000

 219.8051,

 0.0000, 0.0000,

219.2560, 103.7579

0.0000

265.6550,
265.8644, 133.4852

■ 35.3230, 33.6682,
6.0034

■ 35.3230, 33.6682,
6.0034

■ 34.1235, 31.5832,
4.6361

■ 36.7535, 35.9439,
8.2857

■ 33.5067, 30.4530,
4.1120

■ 38.4409, 38.4181,
11.6243

■ 40.4091, 41.1033,
16.1378

■ 42.6785, 44.0092,
21.9285

■ 45.2673, 47.1444,
29.0875

■ 48.1919, 50.5170,
37.6974

■ 51.4676, 54.1344,
47.8342

■ 55.1086, 58.0039,
59.5688

■ 59.1284, 62.1319,
72.9673

Harmonies

Analogous

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



44.9066, 33.6682, 10.0501



35.3230, 33.6682, 6.0034



26.4447, 33.6682, 6.6449

Triad

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



35.3230, 33.6682, 6.0034



18.0589, 33.6682, 56.3334



47.4290, 33.6682, 80.3393

Complementary

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



35.3230, 33.6682, 6.0034



14.8648, 11.5982, 57.9546

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.



38.2849, 33.6682, 108.1139



35.3230, 33.6682, 6.0034



21.8396, 33.6682, 90.2697

Square

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



35.3230, 33.6682, 6.0034



17.5695, 33.6682, 28.2041



28.8934, 33.6682, 112.4296



52.7329, 33.6682, 46.6542

Rectangle

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



35.3230, 33.6682, 6.0034



22.0121, 33.6682, 9.8268



28.8934, 33.6682, 112.4296



44.6291, 33.6682, 91.2453

Sweetspot

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



35.3238, 33.6699, 6.0040



80.1298, 83.9491, 61.4151



26.9483, 14.4510, 10.8209



16.7686, 17.5317, 12.0065



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.



35.3238, 33.6699, 6.0040



55.8971, 50.5743, 6.8157



39.1837, 51.8720, 9.3140



11.8322, 12.4534, 11.8596



21.4098, 19.5525, 2.6456



1.1719, 1.1435, 0.1589

Inverse Universe

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



14.8648, 11.5982, 57.9546



21.1818, 13.4836, 96.0939



13.1901, 6.3215, 57.0244



10.8968, 11.4340, 14.2030



8.1921, 5.4081, 36.5684



0.4918, 0.4174, 1.9096

Previews

White Background



This preview shows how the XYZ color 35.3230, 33.6682, 6.0034 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 35.3230, 33.6682, 6.0034 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 35.3230, 33.6682, 6.0034

Background



This preview shows how black text looks on a background with the XYZ color 35.3230, 33.6682, 6.0034.



This preview shows how white text looks on a background with the XYZ color 35.3230, 33.6682,

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

35.3230, 33.6682, 6.0034

Protanopia

30.6617, 33.9222, 6.5217

Deuteranopia

34.2835, 33.5996, 5.9748



Tritanopia

40.7905, 33.6995, 31.9585

Trichromacy



Original Color

35.3230, 33.6682, 6.0034

Protanomaly

32.0940, 33.6658, 6.3200

Deuteranomaly

34.6566, 33.5581, 5.9471

Tritanomaly

37.8068, 33.3351, 17.8063

Monochromacy



Original Color

35.3230, 33.6682, 6.0034

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.1907, 31.4414, 18.6649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3230, 33.6682, 6.0034 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(203, 147, 32)` looks like.

```
.text, #text, p{  
    color:rgb(203, 147, 32)  
}
```

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(203, 147, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 147, 32) }
```

Border

The CSS property to change the border of an element to XYZ 35.3230, 33.6682, 6.0034 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(203, 147, 32) }
```


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

```
.border{ border-color:rgb(203, 147, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 147, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 147, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 147, 32);  
box-shadow:4px 4px 4px 4px rgb(203, 147,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3230, 33.6682, 6.0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 147, 32) }
```

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

```
.background{ background-color: rgb(203,  
147, 32) }
```

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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