

Converting Colors

XYZ(33.4043, 33.5882, 5.3573)

Have a look what the booklet for
XYZ(33.4043, 33.5882, 5.3573)
contains.

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Color

**XYZ(33.4323, 33.6496,
5.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	C29713
RGB	194, 151, 19
RGB Percent	76%, 59%, 7%
CMY	0.2392, 0.4078, 0.9255
CMYK	0.00, 0.22, 0.90, 0.24
HSL	45°, 82%, 42%
HSV	45°, 90%, 76%
XYZ	33.4323, 33.6496, 5.3490
YIQ	148.8090, 68.0000, -31.9360

Conversions

Conversions Part 2

Format	Color
RYB	76, 194, 19
Decimal	12752659
CIELab	64.68, 5.18, 65.86
CIELCh	65, 66.064, 85.506
Yxy	33.6496, 0.4616, 0.4646
Android (android.graphics.Color)	4290942739 (0xFFC29713)
YUV	148.8090, -63.9958, 39.6325
Hunter-Lab	58.0083, 1.3616, 35.1386

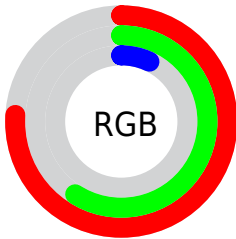
Details

The XYZ color **33.4323, 33.6496, 5.3490** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **11.7289, 7.4789, 51.8639**, and the grayscale version is **28.7284, 30.2245, 32.9145**.

A 20% lighter version of the original color is **64.5565, 65.5167, 17.0281**, and **14.6454, 14.4583, 2.0188** is the 20% darker color. If you saturate the color by 10%, you get **32.5787, 32.1306, 4.4848**, and if you desaturate by 10%, it is **34.4546, 35.3123, 6.8684**.

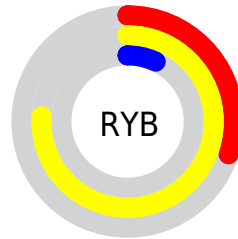
Distribution



Red (76%)

Green (59%)

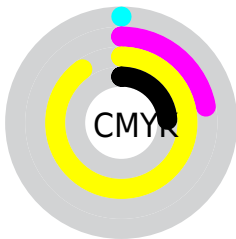
Blue (7%)



Red (30%)

Yellow (76%)

Blue (7%)

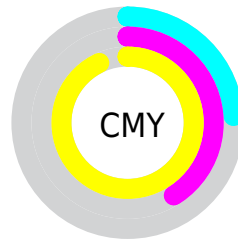


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4323, 33.6496, 5.3490 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 33.4323, 33.6496, 5.3490 by changing the saturation by 10% instead.


 33.4323, 33.6496,
5.3490


 33.4323, 33.6496,
5.3490

309.2239,
318.5668, 162.2108


 22.6186, 22.6245,
2.3912


 64.4000, 65.3884,
17.0176

 14.4313, 14.3165,
0.7816


 85.2848, 86.8709,
26.5655


 8.5050, 8.3411,
0.0000


 110.2574,
112.6081, 39.1472

 4.4742, 4.3140,
0.0000

 139.6830,
142.9842, 55.1811

 1.9738, 1.8507,
0.0000

 173.9272,
178.3838, 75.0859

 0.6192, 0.5185,
0.0000

 213.3551,

 0.0000, 0.0000,

219.1911, 99.2801

0.0000

258.3322,
265.7907, 128.1822

■ 33.4323, 33.6496,
5.3490

■ 33.4323, 33.6496,
5.3490

■ 32.5787, 32.1306,
4.4848

■ 34.4546, 35.3123,
6.8684

■ 35.6711, 37.1014,
9.2585

■ 37.1050, 39.0283,
12.6371

■ 38.7754, 41.1011,
17.1030

■ 40.6991, 43.3270,
22.7430

■ 42.8912, 45.7127,
29.6350

■ 45.3656, 48.2643,
37.8503

■ 48.1351, 50.9872,
47.4547

■ 51.2116, 53.8870,
58.5097

Harmonies

Analogous

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



43.4551, 33.6496, 8.2587



33.4323, 33.6496, 5.3490



24.7588, 33.6496, 6.8347

Triad

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



33.4323, 33.6496, 5.3490



18.1919, 33.6496, 64.0265



49.4798, 33.6496, 74.8632

Complementary

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



33.4323, 33.6496, 5.3490



11.7289, 7.4789, 51.8639

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.



40.4911, 33.6496, 106.8289



33.4323, 33.6496, 5.3490



22.7316, 33.6496, 98.6976

Square

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



33.4323, 33.6496, 5.3490



17.0362, 33.6496, 32.6993



30.5761, 33.6496, 117.2037



53.8118, 33.6496, 40.8825

Rectangle

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



33.4323, 33.6496, 5.3490



20.6636, 33.6496, 10.8807



30.5761, 33.6496, 117.2037



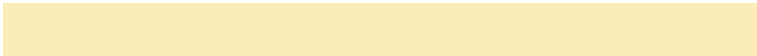
46.8259, 33.6496, 86.7483

Sweetspot

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



33.4331, 33.6513, 5.3497



78.9002, 84.0726, 57.5753



23.3713, 12.2914, 5.8075



16.9520, 18.0675, 11.5466



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.



33.4331, 33.6513, 5.3497



58.8138, 57.7910, 8.0550



32.0332, 45.1382, 7.6406



10.6970, 11.3255, 10.6841



21.4867, 21.2592, 2.9710



0.9798, 1.0213, 0.1455

Inverse Universe

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



11.7289, 7.4789, 51.8639



19.3661, 10.5048, 93.4767



12.0048, 5.4097, 51.4500



9.7249, 10.1410, 12.7297



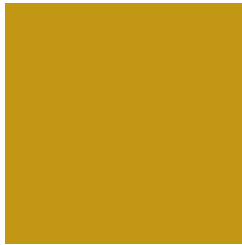
7.1432, 4.0430, 33.9605



0.3650, 0.2875, 1.4861

Previews

White Background



This preview shows how the XYZ color 33.4323, 33.6496, 5.3490 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 33.4323, 33.6496, 5.3490 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 33.4323, 33.6496, 5.3490

Background



This preview shows how black text looks on a background with the XYZ color 33.4323, 33.6496, 5.3490.



This preview shows how white text looks on a background with the XYZ color 33.4323, 33.6496,

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

33.4323, 33.6496, 5.3490

Protanopia

30.4937, 33.8550, 5.6369

Deuteranopia

34.4360, 33.6911, 5.3975



Tritanopia

39.0514, 33.4080, 33.6683

Trichromacy



Original Color

33.4323, 33.6496, 5.3490

Protanomaly

31.3761, 33.5605, 5.4859

Deuteranomaly

34.0586, 33.7335, 5.3780

Tritanomaly

35.7101, 32.9316, 17.3063

Monochromacy



Original Color

33.4323, 33.6496, 5.3490

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8217, 30.7713, 16.9908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4323, 33.6496, 5.3490 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(194, 151, 19)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 19)  
}
```

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(194, 151, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 19) }
```

Border

The CSS property to change the border of an element to XYZ 33.4323, 33.6496, 5.3490 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(194, 151, 19) }
```


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

```
.border{ border-color:rgb(194, 151, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 19);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4323, 33.6496, 5.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 19) }
```

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

```
.background{ background-color: rgb(194,  
151, 19) }
```

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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