

Converting Colors

XYZ(35.3965, 33.0479, 4.5367)

Have a look what the booklet for
XYZ(35.3965, 33.0479, 4.5367)
contains.

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Color

**XYZ(35.4323, 33.0705,
4.5445)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9001
RGB	206, 144, 1
RGB Percent	81%, 56%, 0%
CMY	0.1922, 0.4353, 0.9960
CMYK	0.00, 0.30, 1.00, 0.19
HSL	42°, 99%, 41%
HSV	42°, 100%, 81%
XYZ	35.4323, 33.0705, 4.5445
YIQ	146.2360, 82.8550, -31.3290

Conversions

Conversions Part 2

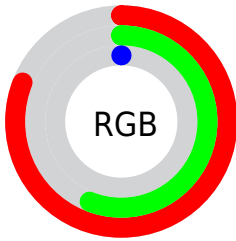
Format	Color
R_{YB}	90, 206, 1
Decimal	13537281
CIE _{Lab}	64.22, 14.08, 68.93
CIE _{LCh}	64, 70.356, 78.452
Yxy	33.0705, 0.4851, 0.4527
Android (android.graphics.Color)	4291727361 (0xFFCE9001)
YUV	146.2360, -71.6013, 52.4130
Hunter-Lab	57.5070, 9.3437, 35.5695

Details

The XYZ color **35.4323, 33.0705, 4.5445** 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 **12.9310, 8.0184, 59.2581**, and the grayscale version is **27.6810, 29.1225, 31.7144**.

A 20% lighter version of the original color is **62.6367, 62.1292, 14.9942**, and **15.8568, 14.1164, 1.8890** is the 20% darker color. If you saturate the color by 10%, you get **35.3812, 32.9773, 4.5005**, and if you desaturate by 10%, it is **36.5385, 35.0661, 5.5823**.

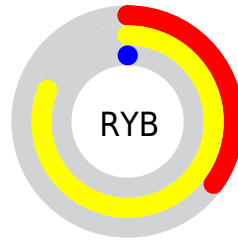
Distribution



Red (81%)

Green (56%)

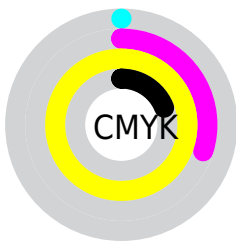
Blue (0%)



Red (35%)

Yellow (81%)

Blue (0%)

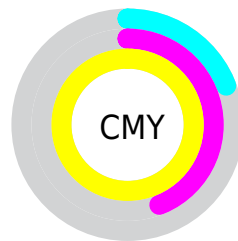


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4323, 33.0705, 4.5445 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 35.4323, 33.0705, 4.5445 by changing the saturation by 10% instead.


 35.4323, 33.0705,
4.5445


 35.4323, 33.0705,
4.5445


317.9471,
315.9673, 154.0978


 24.1641, 22.1805,
1.9286


 67.4846, 64.4856,
15.2473


 15.5808, 13.9896,
0.5108


 88.9994, 85.7794,
24.1711

 9.3170, 8.1134,
0.0000


 114.6604,
111.3100, 36.0348

 5.0073, 4.1676,
0.0000

 144.8331,
141.4616, 51.2567

 2.2863, 1.7678,
0.0000

 179.8827,
176.6188, 70.2554


 0.7877, 0.4670,
0.0000


 220.1747,

 0.0000, 0.0000,


217.1659, 93.4494


0.0000


 266.0744,
263.4872, 121.2574


 35.4323, 33.0705,
4.5445


 35.4323, 33.0705,
4.5445


 35.3812, 32.9773,
4.5005

 36.5385, 35.0661,
5.5823

 37.8418, 37.2239,
7.4009

 39.3885, 39.5649,
10.2360

 41.2048, 42.1009,
14.2219

 43.3129, 44.8419,
19.4724

■ 45.7326, 47.7972,
26.0878

■ 48.4817, 50.9749,
34.1577

■ 51.5764, 54.3828,
43.7645

■ 55.0319, 58.0279,
54.9842

Harmonies

Analogous

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



45.9533, 33.0705, 8.5525



35.4323, 33.0705, 4.5445



25.7423, 33.0705, 4.9892

Triad

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



35.4323, 33.0705, 4.5445



16.5186, 33.0705, 56.3511



48.0901, 33.0705, 86.1343

Complementary

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



35.4323, 33.0705, 4.5445



12.9310, 8.0184, 59.2581

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.



37.9049, 33.0705, 117.3333



35.4323, 33.0705, 4.5445



20.3467, 33.0705, 94.7770

Square

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



35.4323, 33.0705, 4.5445



16.1322, 33.0705, 26.0895



27.7457, 33.0705, 121.1379



54.2283, 33.0705, 48.1673

Rectangle

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



35.4323, 33.0705, 4.5445



20.9468, 33.0705, 7.8412



27.7457, 33.0705, 121.1379



44.9377, 33.0705, 98.4625

Sweetspot

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



35.4330, 33.0722, 4.5451



78.1446, 82.1314, 54.1175



26.4455, 13.5361, 6.3616



16.3093, 17.1024, 10.3446



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.



35.4330, 33.0722, 4.5451



57.1368, 53.0536, 7.2289



38.3143, 52.5152, 8.1462



11.8563, 12.5016, 11.8676



21.8755, 20.4840, 2.8008



1.1933, 1.1862, 0.1661

Inverse Universe

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



12.9310, 8.0184, 59.2581



20.7122, 12.5444, 95.9374



11.9728, 4.9016, 58.7070



10.8738, 11.3880, 14.1954



8.0061, 5.0361, 36.5064



0.4802, 0.3941, 1.9057

Previews

White Background



This preview shows how the XYZ color 35.4323, 33.0705, 4.5445 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 35.4323, 33.0705, 4.5445 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 35.4323, 33.0705, 4.5445

Background



This preview shows how black text looks on a background with the XYZ color 35.4323, 33.0705, 4.5445.



This preview shows how white text looks on a background with the XYZ color 35.4323, 33.0705,

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

35.4323, 33.0705, 4.5445

Protanopia

30.0341, 33.3731, 5.2395

Deuteranopia

33.6159, 33.0501, 4.6076



Tritanopia

40.7105, 33.0609, 30.6213

Trichromacy



Original Color

35.4323, 33.0705, 4.5445

Protanomaly

31.7711, 33.0410, 4.9615

Deuteranomaly

34.2531, 33.1468, 4.5926

Tritanomaly

37.5986, 32.6513, 14.4459

Monochromacy



Original Color

35.4323, 33.0705, 4.5445

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2496, 29.3659, 14.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4323, 33.0705, 4.5445 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(206, 144, 1)` looks like.

```
.text, #text, p{  
    color:rgb(206, 144, 1)  
}
```

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(206, 144, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 144, 1) }
```

Border

The CSS property to change the border of an element to XYZ 35.4323, 33.0705, 4.5445 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(206, 144, 1) }
```


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

```
.border{ border-color:rgb(206, 144, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 144, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 144, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 144, 1);  
box-shadow:4px 4px 4px 4px rgb(206, 144,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4323, 33.0705, 4.5445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 144, 1) }
```

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

```
.background{ background-color: rgb(206,  
144, 1) }
```

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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