

Converting Colors

XYZ(30.4630, 33.1250, 5.4449)

Have a look what the booklet for
XYZ(30.4630, 33.1250, 5.4449)
contains.

XYZ(30.4380, 33.0769, 5.4420)	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(30.4380, 33.0769,
5.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	B39B14
RGB	179, 155, 20
RGB Percent	70%, 61%, 8%
CMY	0.2980, 0.3921, 0.9215
CMYK	0.00, 0.13, 0.89, 0.30
HSL	51°, 80%, 39%
HSV	51°, 89%, 70%
XYZ	30.4380, 33.0769, 5.4420
YIQ	146.7860, 57.6390, -36.8970

Conversions

Conversions Part 2

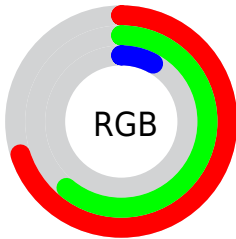
Format	Color
RYB	48, 179, 20
Decimal	11770644
CIELab	64.22, -3.71, 64.64
CIELCh	64, 64.751, 93.283
Yxy	33.0769, 0.4414, 0.4797
Android (android.graphics.Color)	4289960724 (0xFFB39B14)
YUV	146.7860, -62.5055, 28.2517
Hunter-Lab	57.5125, -6.1773, 34.6486

Details

The XYZ color **30.4380, 33.0769, 5.4420** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.3260, 5.2049, 43.1606**, and the grayscale version is **27.8792, 29.3310, 31.9415**.

A 20% lighter version of the original color is **59.5833, 64.3873, 17.2702**, and **12.9764, 14.0382, 2.0257** is the 20% darker color. If you saturate the color by 10%, you get **29.8794, 32.1434, 4.6900**, and if you desaturate by 10%, it is **31.1154, 34.0766, 6.7634**.

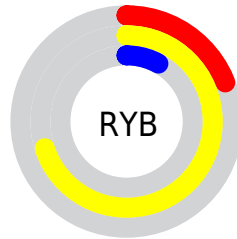
Distribution



Red (70%)

Green (61%)

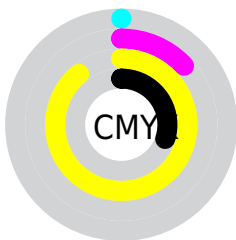
Blue (8%)



Red (19%)

Yellow (70%)

Blue (8%)

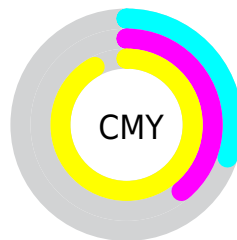


Cyan (0%)

Magenta (13%)

Yellow (89%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4380, 33.0769, 5.4420 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 30.4380, 33.0769, 5.4420 by changing the saturation by 10% instead.


 30.4380, 33.0769,
5.4420


 30.4380, 33.0769,
5.4420


295.8141,
315.9961, 163.1116


 20.3210, 22.1854,
2.4456


 59.7360, 64.4956,
17.2185


 12.7382, 13.9932,
0.8111


 79.6478, 85.7915,
26.8356

 7.3243, 8.1159,
0.0000


 103.5552,
111.3243, 39.4968

 3.7138, 4.1692,
0.0000

 131.8236,
141.4785, 55.6205

 1.5416, 1.7687,
0.0000

 164.8183,
176.6383, 75.6253

 0.3538, 0.4675,
0.0000

 202.9047,

 0.0000, 0.0000,

217.1883, 99.9297

0.0000

246.4482,
263.5128, 128.9523

■ 30.4380, 33.0769,
5.4420

■ 30.4380, 33.0769,
5.4420

■ 29.8794, 32.1434,
4.6900

■ 31.1154, 34.0766,
6.7634

■ 29.8161, 32.0354,
4.6120

■ 31.9410, 35.1505,
8.8180

■ 32.9330, 36.3072,
11.6992

■ 34.1067, 37.5530,
15.4862

■ 35.4753, 38.8933,
20.2489

■ 37.0508, 40.3330,
26.0503

■ 38.8443, 41.8766,
32.9480

■ 40.8660, 43.5282,
40.9955

■ 43.1255, 45.2918,
50.2427

Harmonies

Analogous

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



40.0660, 33.0769, 7.0941



30.4380, 33.0769, 5.4420



22.7084, 33.0769, 8.1206

Triad

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



30.4380, 33.0769, 5.4420



18.8650, 33.0769, 71.5139



50.0001, 33.0769, 63.8771

Complementary

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



30.4380, 33.0769, 5.4420



9.3260, 5.2049, 43.1606

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.



42.1607, 33.0769, 97.0052



30.4380, 33.0769, 5.4420



24.1481, 33.0769, 102.7213

Square

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



30.4380, 33.0769, 5.4420



16.8973, 33.0769, 38.9901



32.4609, 33.0769, 113.7902



52.5725, 33.0769, 33.1955

Rectangle

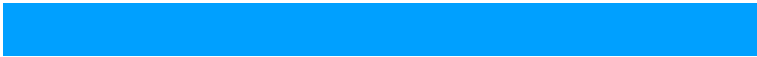
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.4380, 33.0769, 5.4420



19.3002, 33.0769, 13.4491



32.4609, 33.0769, 113.7902



47.8271, 33.0769, 75.5086

Sweetspot

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



30.4387, 33.0785, 5.4427



66.7732, 72.6026, 48.2260



19.3437, 10.2855, 3.6031



14.5698, 15.8864, 9.8423



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4387, 33.0785, 5.4427



53.2680, 57.1103, 8.2159



24.8508, 36.7262, 6.4413



9.0856, 9.6838, 9.0428



21.1075, 22.7136, 3.2717



0.6936, 0.7737, 0.1128

Inverse Universe

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



9.3260, 5.2049, 43.1606



15.1742, 7.0323, 76.9388



11.1349, 5.1719, 43.0589



8.1421, 8.4304, 10.7044



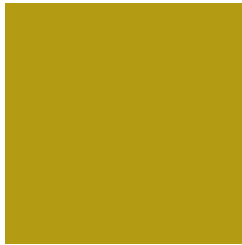
6.0580, 2.9163, 30.3806



0.2227, 0.1559, 0.9666

Previews

White Background



This preview shows how the XYZ color 30.4380, 33.0769, 5.4420 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 30.4380, 33.0769, 5.4420 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 30.4380, 33.0769, 5.4420

Background



This preview shows how black text looks on a background with the XYZ color 30.4380, 33.0769, 5.4420.



This preview shows how white text looks on a background with the XYZ color 30.4380, 33.0769,

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

30.4380, 33.0769, 5.4420

Protanopia

29.9192, 33.0575, 5.4657

Deuteranopia

33.8023, 33.1247, 5.5894



Tritanopia

36.6287, 33.0044, 35.4503

Trichromacy



Original Color

30.4380, 33.0769, 5.4420

Protanomaly

30.1462, 33.1746, 5.4763

Deuteranomaly

32.4667, 33.1463, 5.5509

Tritanomaly

33.1990, 32.5347, 18.1657

Monochromacy



Original Color

30.4380, 33.0769, 5.4420

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5534, 30.1232, 16.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4380, 33.0769, 5.4420 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(179, 155, 20)` looks like.

```
.text, #text, p{  
    color:rgb(179, 155, 20)  
}
```

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(179, 155, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 155, 20) }
```

Border

The CSS property to change the border of an element to XYZ 30.4380, 33.0769, 5.4420 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(179, 155, 20) }
```


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

```
.border{ border-color:rgb(179, 155, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 155, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 155, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 155, 20);  
box-shadow:4px 4px 4px 4px rgb(179, 155,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4380, 33.0769, 5.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 155, 20) }
```

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

```
.background{ background-color: rgb(179,  
155, 20) }
```

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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