

Converting Colors

XYZ(30.1717, 33.0556, 11.4468)

Have a look what the booklet for
XYZ(30.1717, 33.0556, 11.4468)
contains.

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Color

**XYZ(30.1717, 33.0556,
11.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9C4B
RGB	172, 156, 75
RGB Percent	67%, 61%, 29%
CMY	0.3255, 0.3882, 0.7059
CMYK	0.00, 0.09, 0.56, 0.33
HSL	50°, 39%, 48%
HSV	50°, 56%, 67%
XYZ	30.1717, 33.0556, 11.4468
YIQ	151.5500, 35.5370, -21.7990

Conversions

Conversions Part 2

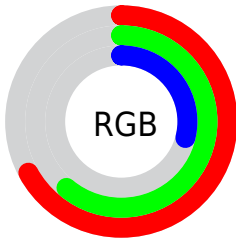
Format	Color
RYB	94, 172, 75
Decimal	11312203
CIELab	64.21, -4.63, 43.89
CIElCh	64, 44.137, 96.027
Yxy	33.0556, 0.4040, 0.4427
Android (android.graphics.Color)	4289502283 (0xFFAC9C4B)
YUV	151.5500, -37.7392, 17.9346
Hunter-Lab	57.4940, -6.9413, 28.4414

Details

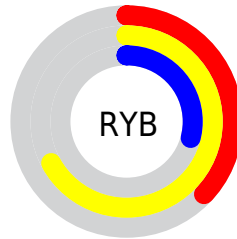
The XYZ color **30.1717, 33.0556, 11.4468** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.0890, 11.9562, 40.5947**, and the grayscale version is **29.7984, 31.3503, 34.1405**.

A 20% lighter version of the original color is **59.1256, 64.2576, 29.0254**, and **12.5526, 13.9510, 2.8954** is the 20% darker color. If you saturate the color by 10%, you get **29.1907, 31.9117, 8.5978**, and if you desaturate by 10%, it is **31.3246, 34.2885, 15.1390**.

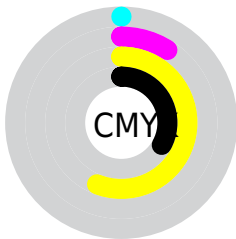
Distribution



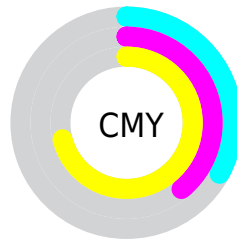
- Red (67%)
- Green (61%)
- Blue (29%)



- Red (37%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (33%)




- Cyan (33%)
- Magenta (39%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1717, 33.0556, 11.4468 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 30.1717, 33.0556, 11.4468 by changing the saturation by 10% instead.


 30.1717, 33.0556,
11.4468

 30.1717, 33.0556,
11.4468


294.5994,
315.9002, 211.5540


 20.1177, 22.1690,
6.2503

 59.3184, 64.4623,
29.1326


 12.5894, 13.9812,
2.9266


 79.1417, 85.7513,
42.4590


 7.2214, 8.1076,
1.0573


 102.9522,
111.2765, 59.3325

 3.6485, 4.1639,
0.0000

 131.1152,
141.4224, 80.1715

 1.5053, 1.7656,
0.0000

 163.9961,
176.5733, 105.3946

 0.3294, 0.4656,
0.0000

201.9602,

 0.0000, 0.0000,

217.1136, 135.4203

0.0000

245.3729,
263.4278, 170.6673

■ 30.1717, 33.0556,
11.4468

■ 30.1717, 33.0556,
11.4468

■ 29.1907, 31.9117,
8.5978

■ 31.3246, 34.2885,
15.1390

■ 28.3659, 30.8468,
6.5206

■ 32.6587, 35.6105,
19.7341

■ 27.6829, 29.8561,
5.1357

■ 34.1856, 37.0276,
25.2883

■ 27.1206, 28.9311,
4.3330

■ 35.9150, 38.5439,
31.8532

■ 26.9315, 28.6073,
4.1023

■ 37.8560, 40.1631,
39.4763

■ 40.0172, 41.8888,
48.2022

■ 42.4066, 43.7242,
58.0730

■ 45.0319, 45.6725,
69.1285

■ 47.9003, 47.7368,
81.4067

Harmonies

Analogous

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



36.5656, 33.0556, 12.7927



30.1717, 33.0556, 11.4468



24.8588, 33.0556, 14.6957

Triad

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



30.1717, 33.0556, 11.4468



22.6566, 33.0556, 60.3055



43.7464, 33.0556, 51.8888

Complementary

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



30.1717, 33.0556, 11.4468



14.0890, 11.9562, 40.5947

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.



39.0409, 33.0556, 71.6771



30.1717, 33.0556, 11.4468



26.7783, 33.0556, 77.5589

Square

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



30.1717, 33.0556, 11.4468



20.9064, 33.0556, 39.7332



32.6989, 33.0556, 82.2940



44.9691, 33.0556, 32.4932

Rectangle

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



30.1717, 33.0556, 11.4468



22.4582, 33.0556, 19.9645



32.6989, 33.0556, 82.2940



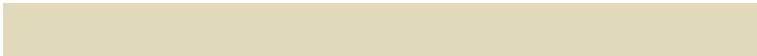
42.4917, 33.0556, 58.8889

Sweetspot

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



30.1725, 33.0572, 11.4475



64.8541, 69.6668, 56.6238



21.4250, 14.5613, 11.6171



13.9582, 15.0228, 11.7834



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1725, 33.0572, 11.4475



52.5062, 57.3330, 14.3971



26.7817, 35.5594, 12.1092



8.5486, 9.1020, 8.5197



20.0757, 21.3568, 3.0642



0.5879, 0.6529, 0.0950

Inverse Universe

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



14.0890, 11.9562, 40.5947



20.4390, 15.3178, 72.6851



16.0663, 11.1576, 40.3363



7.6817, 7.9627, 10.0848



5.8849, 2.9037, 29.2948



0.1952, 0.1438, 0.8255

Previews

White Background



This preview shows how the XYZ color 30.1717, 33.0556, 11.4468 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 30.1717, 33.0556, 11.4468 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 30.1717, 33.0556, 11.4468

Background



This preview shows how black text looks on a background with the XYZ color 30.1717, 33.0556, 11.4468.



This preview shows how white text looks on a background with the XYZ color 30.1717, 33.0556,

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

30.1717, 33.0556, 11.4468

Protanopia

30.1717, 33.0556, 11.4468

Deuteranopia

33.6677, 32.9221, 11.6013



Tritanopia

35.4277, 33.0394, 36.8577

Trichromacy



Original Color

30.1717, 33.0556, 11.4468

Protanomaly

30.1717, 33.0556, 11.4468

Deuteranomaly

32.3787, 32.9693, 11.4946

Tritanomaly

32.9341, 32.7183, 25.0015

Monochromacy



Original Color

30.1717, 33.0556, 11.4468

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3274, 31.6086, 23.6241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1717, 33.0556, 11.4468 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(172, 156, 75)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 75)  
}
```

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(172, 156, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 75) }
```

Border

The CSS property to change the border of an element to XYZ 30.1717, 33.0556, 11.4468 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(172, 156, 75) }
```


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

```
.border{ border-color:rgb(172, 156, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 156, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 75);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1717, 33.0556, 11.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 75) }
```

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

```
.background{ background-color: rgb(172,  
156, 75) }
```

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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