

Converting Colors

XYZ(29.1517, 34.4409, 18.4759)

Have a look what the booklet for
XYZ(29.1517, 34.4409, 18.4759)
contains.

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Color

**XYZ(29.1517, 34.4409,
18.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA469
RGB	154, 164, 105
RGB Percent	60%, 64%, 41%
CMY	0.3961, 0.3568, 0.5882
CMYK	0.06, 0.00, 0.36, 0.36
HSL	70°, 24%, 53%
HSV	70°, 36%, 64%
XYZ	29.1517, 34.4409, 18.4759
YIQ	154.2840, 12.9790, -20.4690

Conversions

Conversions Part 2

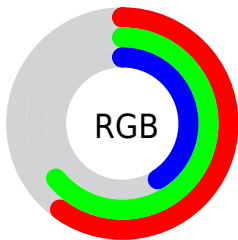
Format	Color
RYB	105, 164, 115
Decimal	10134633
CIELab	65.31, -13.29, 29.47
CIELCh	65, 32.323, 114.269
Yxy	34.4409, 0.3552, 0.4197
Android (android.graphics.Color)	4288324713 (0xFF9AA469)
YUV	154.2840, -24.2970, -0.2491
Hunter-Lab	58.6864, -14.0336, 22.4145

Details

The XYZ color **29.1517, 34.4409, 18.4759** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8240, 16.4292, 37.3030**, and the grayscale version is **30.9402, 32.5515, 35.4486**.

A 20% lighter version of the original color is **57.7118, 66.6527, 41.7218**, and **12.0122, 14.7085, 6.0768** is the 20% darker color. If you saturate the color by 10%, you get **27.8659, 33.8674, 14.4320**, and if you desaturate by 10%, it is **30.6140, 35.0889, 23.3780**.

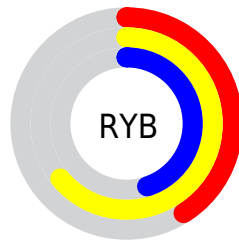
Distribution



Red (60%)

Green (64%)

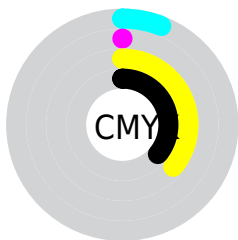
Blue (41%)



Red (41%)

Yellow (64%)

Blue (45%)

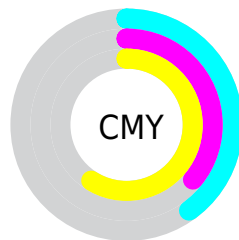


Cyan (6%)

Magenta (0%)

Yellow (36%)

Black (36%)



Cyan (40%)


Magenta (36%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1517, 34.4409, 18.4759 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 29.1517, 34.4409, 18.4759 by changing the saturation by 10% instead.


 29.1517, 34.4409,
18.4759


 29.1517, 34.4409,
18.4759


289.9114,
322.0936, 255.8655


 19.3405, 23.2325,
11.1192


 57.7139, 66.6187,
41.6714


 12.0220, 14.7653,
6.0319


 77.1956, 88.3569,
58.3474

 6.8310, 8.6548,
2.7954


 100.6315,
114.3739, 78.9668

 3.4020, 4.5167,
0.9911

 128.3869,
145.0540, 103.9483

 1.3697, 1.9666,
0.0000

160.8273,
180.7816, 133.7104

 0.2345, 0.5880,
0.0000

198.3179,

 0.0000, 0.0000,

221.9412, 168.6716

0.0000

241.2241,
268.9170, 209.2505

■ 29.1517, 34.4409,
18.4759

■ 29.1517, 34.4409,
18.4759

■ 27.8659, 33.8674,
14.4320

■ 30.6140, 35.0889,
23.3780

■ 26.7447, 33.3598,
11.1948

■ 32.2591, 35.8102,
29.1817

■ 25.7785, 32.9157,
8.7105

■ 34.0958, 36.6096,
35.9299

■ 24.9555, 32.5303,
6.9181

■ 36.1319, 37.4902,
43.6622

■ 24.2623, 32.1981,
5.7467

■ 38.3743, 38.4548,
52.4159

■ 23.6807, 31.9120,
5.1010

■ 40.8300, 39.5061,
62.2263

■ 23.4615, 31.8032,
4.9021

■ 43.5054, 40.6468,
73.1273

■ 46.4066, 41.8794,
85.1509

■ 49.5397, 43.2061,
98.3280

Harmonies

Analogous

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



33.6478, 34.4409, 17.1594



29.1517, 34.4409, 18.4759



25.9195, 34.4409, 24.3007

Triad

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



29.1517, 34.4409, 18.4759



27.7257, 34.4409, 62.7434



42.5991, 34.4409, 40.1504

Complementary

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



29.1517, 34.4409, 18.4759



18.8240, 16.4292, 37.3030

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.



40.6515, 34.4409, 54.7790



29.1517, 34.4409, 18.4759



31.8390, 34.4409, 69.6830

Square

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



29.1517, 34.4409, 18.4759



25.1531, 34.4409, 49.2040



36.6006, 34.4409, 66.4650



41.7053, 34.4409, 27.8173

Rectangle

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



29.1517, 34.4409, 18.4759



24.7682, 34.4409, 30.8983



36.6006, 34.4409, 66.4650



42.2497, 34.4409, 44.9815

Sweetspot

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



29.1526, 34.4424, 18.4766



60.0981, 65.6718, 58.5900



23.9726, 21.1369, 16.1814



13.0469, 14.3172, 12.4729



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.1526, 34.4424, 18.4766



51.0586, 61.6870, 27.6586



24.2354, 31.9075, 18.2465



7.5310, 8.1762, 7.5613



18.0229, 24.4016, 3.7601



0.4080, 0.5278, 0.0804

Inverse Universe

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



18.8240, 16.4292, 37.3030



29.5677, 24.1861, 66.8623



23.3135, 18.7437, 37.5131



6.8072, 6.9150, 8.8790



5.5301, 2.2573, 27.0740



0.1458, 0.0627, 0.5703

Previews

White Background



This preview shows how the XYZ color 29.1517, 34.4409, 18.4759 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 29.1517, 34.4409, 18.4759 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 29.1517, 34.4409, 18.4759

Background



This preview shows how black text looks on a background with the XYZ color 29.1517, 34.4409, 18.4759.



This preview shows how white text looks on a background with the XYZ color 29.1517, 34.4409,

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

29.1517, 34.4409, 18.4759

Protanopia

31.6883, 34.2036, 17.7638

Deuteranopia

34.9213, 34.3580, 18.9786



Tritanopia

33.9502, 34.3229, 42.3717

Trichromacy



Original Color

29.1517, 34.4409, 18.4759

Protanomaly

30.5865, 34.1404, 18.0744

Deuteranomaly

32.4468, 34.0686, 18.7757

Tritanomaly

31.8845, 34.2425, 32.1231

Monochromacy



Original Color

29.1517, 34.4409, 18.4759

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9972, 33.1013, 28.1007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1517, 34.4409, 18.4759 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(154, 164, 105)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 105)  
}
```

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(154, 164, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 105) }
```

Border

The CSS property to change the border of an element to XYZ 29.1517, 34.4409, 18.4759 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(154, 164, 105) }
```


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

```
.border{ border-color:rgb(154, 164, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 105);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1517, 34.4409, 18.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 105) }
```

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

```
.background{ background-color: rgb(154,  
164, 105) }
```

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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