

Converting Colors

XYZ(29.9164, 35.8375, 29.1735)

Have a look what the booklet for
XYZ(29.9164, 35.8375, 29.1735)
contains.

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Color

**XYZ(30.0310, 36.0217,
29.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA989
RGB	143, 169, 137
RGB Percent	56%, 66%, 54%
CMY	0.4392, 0.3372, 0.4627
CMYK	0.15, 0.00, 0.19, 0.34
HSL	109°, 16%, 60%
HSV	109°, 19%, 66%
XYZ	30.0310, 36.0217, 29.0370
YIQ	157.5780, -5.2240, -15.4640

Conversions

Conversions Part 2

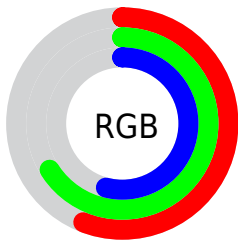
Format	Color
RYB	137, 169, 163
Decimal	9415049
CIELab	66.54, -15.21, 13.57
CIELCh	67, 20.384, 138.263
Yxy	36.0217, 0.3158, 0.3788
Android (android.graphics.Color)	4287605129 (0xFF8FA989)
YUV	157.5780, -10.1450, -12.7849
Hunter-Lab	60.0181, -15.7163, 13.3279

Details

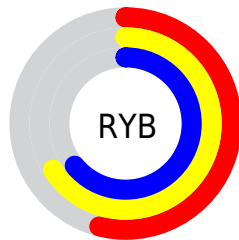
The XYZ color **30.0310, 36.0217, 29.0370** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **31.2128, 28.5435, 41.4023**, and the grayscale version is **32.3553, 34.0402, 37.0698**.

A 20% lighter version of the original color is **58.9759, 68.8993, 58.9057**, and **12.4952, 15.6860, 11.3860** is the 20% darker color. If you saturate the color by 10%, you get **26.6791, 34.4241, 23.0399**, and if you desaturate by 10%, it is **33.8658, 37.8484, 36.0496**.

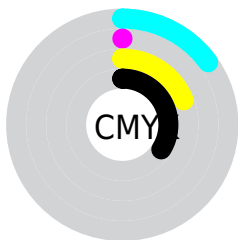
Distribution



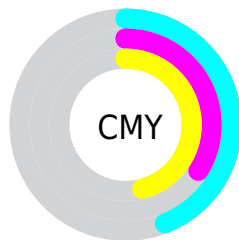
- Red (56%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (44%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0310, 36.0217, 29.0370 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 30.0310, 36.0217, 29.0370 by changing the saturation by 10% instead.

■ 30.0310, 36.0217,
29.0370

■ 30.0310, 36.0217,
29.0370

293.9562,
329.0554, 311.4559

■ 20.0103, 24.4510,
18.8630

■ 59.0975, 69.0656,
59.1788

■ 12.5108, 15.6685,
11.3955

■ 78.8740, 91.3075,
79.9836

■ 7.1673, 9.2899,
6.2160

■ 102.6332,
117.8752, 105.1691

■ 3.6142, 4.9307,
2.9060

130.7403,
149.1532, 135.1538

■ 1.4863, 2.2067,
1.0468

163.5609,
185.5258, 170.3563

■ 0.3165, 0.7236,
0.0000

201.4601,

■ 0.0000, 0.0000,

227.3774, 211.1952

0.0000

244.8034,
275.0925, 258.0888

■ 30.0310, 36.0217,
29.0370

■ 30.0310, 36.0217,
29.0370

■ 26.6791, 34.4241,
23.0399

■ 33.8658, 37.8484,
36.0496

■ 23.7879, 33.0420,
18.0088

■ 38.1988, 39.9081,
44.1190

■ 21.3379, 31.8674,
13.8941

■ 43.0482, 42.2101,
53.2875

■ 19.3066, 30.8902,
10.6404

■ 48.4303, 44.7622,
63.5941

■ 17.6701, 30.0992,
8.1865

■ 54.3609, 47.5715,
75.0758

■ 16.4014, 29.4820,
6.4633

■ 60.8549, 50.6451,
87.7683

■ 15.4702, 29.0247,
5.3897

■ 67.8778, 53.9700,
101.4474

■ 14.8303, 28.7070,
4.8110

■ 72.6950, 56.4534,
101.6729

■ 14.7745, 28.6794,
4.7570

■ 73.4787, 56.8574,
101.7096

Harmonies

Analogous

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



32.4261, 36.0217, 25.2942



30.0310, 36.0217, 29.0370



28.7926, 36.0217, 35.8919

Triad

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



30.0310, 36.0217, 29.0370



33.0543, 36.0217, 58.1467



40.1360, 36.0217, 34.1730

Complementary

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



30.0310, 36.0217, 29.0370



31.2128, 28.5435, 41.4023

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.



40.3291, 36.0217, 42.7509



30.0310, 36.0217, 29.0370



36.1152, 36.0217, 57.5034

Square

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



30.0310, 36.0217, 29.0370



30.4672, 36.0217, 53.1911



38.8196, 36.0217, 51.5460



38.3068, 36.0217, 27.9407

Rectangle

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



30.0310, 36.0217, 29.0370



28.7374, 36.0217, 41.6941



38.8196, 36.0217, 51.5460



40.3982, 36.0217, 36.8486

Sweetspot

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



30.0320, 36.0232, 29.0378



62.7516, 68.7811, 68.4517



33.9053, 36.2954, 28.8862



13.5763, 14.9434, 14.7326



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.0320, 36.0232, 29.0378



50.9911, 63.1815, 46.9755



29.7407, 35.7900, 32.7810



7.5631, 8.4729, 8.0261



11.0457, 21.3915, 3.5468



0.3051, 0.5392, 0.0880

Inverse Universe

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



31.2128, 28.5435, 41.4023



53.5219, 47.1334, 73.5018



31.6019, 28.8444, 36.8865



7.7020, 7.5945, 9.4783



13.1073, 6.1405, 28.4699



0.3535, 0.1672, 0.6943

Previews

White Background



This preview shows how the XYZ color 30.0310, 36.0217, 29.0370 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 30.0310, 36.0217, 29.0370 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 30.0310, 36.0217, 29.0370

Background



This preview shows how black text looks on a background with the XYZ color 30.0310, 36.0217, 29.0370.



This preview shows how white text looks on a background with the XYZ color 30.0310, 36.0217,

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

30.0310, 36.0217, 29.0370

Protanopia

33.7731, 35.8411, 27.3283

Deuteranopia

36.4626, 35.6504, 29.7704



Tritanopia

33.6057, 36.1148, 46.7946

Trichromacy



Original Color

30.0310, 36.0217, 29.0370

Protanomaly

32.2765, 35.8492, 27.7727

Deuteranomaly

33.8086, 35.5517, 29.5064

Tritanomaly

32.1904, 36.0841, 39.4507

Monochromacy



Original Color

30.0310, 36.0217, 29.0370

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.5622, 34.8150, 33.9106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0310, 36.0217, 29.0370 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(143, 169, 137) looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 137)  
}
```

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(143, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 137) }
```

Border

The CSS property to change the border of an element to XYZ 30.0310, 36.0217, 29.0370 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(143, 169, 137) }
```


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

```
.border{ border-color:rgb(143, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0310, 36.0217, 29.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 137) }
```

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

```
.background{ background-color: rgb(143,  
169, 137) }
```

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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