

Converting Colors

XYZ(17.0887, 28.8928, 10.9423)

Have a look what the booklet for
XYZ(17.0887, 28.8928, 10.9423)
contains.

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Color

**XYZ(17.0856, 28.9117,
10.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	42A649
RGB	66, 166, 73
RGB Percent	26%, 65%, 29%
CMY	0.7412, 0.3490, 0.7137
CMYK	0.60, 0.00, 0.56, 0.35
HSL	124°, 43%, 45%
HSV	124°, 60%, 65%
XYZ	17.0856, 28.9117, 10.9833
YIQ	125.4980, -29.7470, -50.1230

Conversions

Conversions Part 2

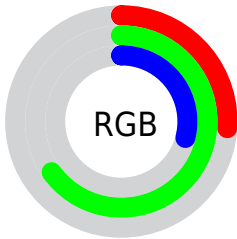
Format	Color
RYB	66, 159, 166
Decimal	4367945
CIELab	60.70, -48.43, 39.15
CIElCh	61, 62.276, 141.053
Yxy	28.9117, 0.2998, 0.5074
Android (android.graphics.Color)	4282558025 (0xFF42A649)
YUV	125.4980, -25.8815, -52.1797
Hunter-Lab	53.7696, -37.3774, 25.5278

Details

The XYZ color **17.0856, 28.9117, 10.9833** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **23.9330, 14.5072, 34.3406**, and the grayscale version is **19.7537, 20.7824, 22.6320**.

A 20% lighter version of the original color is **38.0715, 57.9829, 28.2540**, and **6.0598, 11.8721, 2.7828** is the 20% darker color. If you saturate the color by 10%, you get **15.6755, 28.2376, 8.5693**, and if you desaturate by 10%, it is **18.9488, 29.8064, 14.0830**.

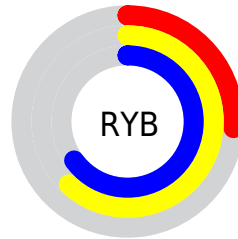
Distribution



Red (26%)

Green (65%)

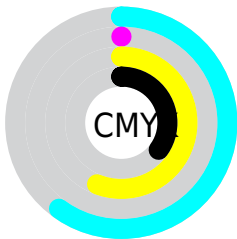
Blue (29%)



Red (26%)

Yellow (62%)

Blue (65%)

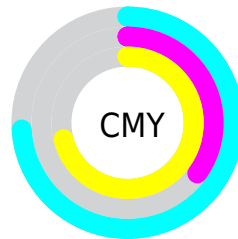


Cyan (60%)

Magenta (0%)

Yellow (56%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0856, 28.9117, 10.9833 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 17.0856, 28.9117, 10.9833 by changing the saturation by 10% instead.

■ 17.0856, 28.9117,
10.9833

■ 17.0856, 28.9117,
10.9833

228.8118,
296.7981, 208.2863

■ 10.3912, 19.0140,
5.9416

■ 38.0153, 57.9368,
28.2655

■ 5.7234, 11.6804,
2.7414

■ 52.9814, 77.8330,
41.3430

■ 2.7167, 6.5265,
0.9641

■ 71.4354, 101.8308,
57.9362

■ 1.0058, 3.1678,
0.0000

■ 93.7426, 130.3146,
78.4636

■ 0.0000, 1.2199,
0.0000

■ 120.2686,
163.6689, 103.3438

■ 0.0000, 0.0779,
0.0000

151.3785,

■ 0.0000, 0.0000,

202.2779, 132.9952

0.0000

187.4378,
246.5262, 167.8366

■ 17.0856, 28.9117,
10.9833

■ 17.0856, 28.9117,
10.9833

■ 15.6755, 28.2376,
8.5693

■ 18.9488, 29.8064,
14.0830

■ 14.6778, 27.7617,
6.7873

■ 21.2970, 30.9346,
17.9129

■ 14.0481, 27.4632,
5.5786

■ 24.1618, 32.3125,
22.5162

■ 13.7008, 27.2992,
4.8830

■ 27.5715, 33.9540,
27.9319

■ 31.5523, 35.8716,
34.1967

■ 36.1287, 38.0774,
41.3448

■ 41.3239, 40.5825,
49.4086

■ 47.1596, 43.3975,
58.4189

■ 53.6567, 46.5326,
68.4051

Harmonies

Analogous

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



22.2703, 28.9117, 5.5441



17.0856, 28.9117, 10.9833



14.8174, 28.9117, 25.0579

Triad

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



17.0856, 28.9117, 10.9833



25.1348, 28.9117, 99.0155



44.6683, 28.9117, 18.0541

Complementary

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



17.0856, 28.9117, 10.9833



23.9330, 14.5072, 34.3406

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.



45.8504, 28.9117, 38.9149



17.0856, 28.9117, 10.9833



33.4440, 28.9117, 93.8950

Square

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



17.0856, 28.9117, 10.9833



18.8287, 28.9117, 80.2809



41.4122, 28.9117, 68.5266



38.4422, 28.9117, 8.0133

Rectangle

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



17.0856, 28.9117, 10.9833



14.8832, 28.9117, 40.7991



41.4122, 28.9117, 68.5266



45.7111, 28.9117, 23.7003

Sweetspot

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



17.0863, 28.9129, 10.9839



51.3336, 62.2449, 52.7384



28.9850, 35.0723, 10.3964



11.0617, 13.7242, 11.1291



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.



17.0863, 28.9129, 10.9839



27.8111, 50.9421, 14.4323



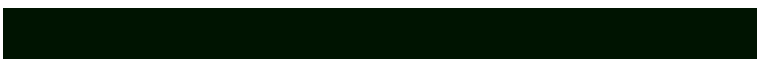
19.4381, 29.8536, 23.3683



7.4573, 8.4159, 8.1281



10.6310, 21.1711, 3.8235



0.2651, 0.5177, 0.1270

Inverse Universe

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



23.9330, 14.5072, 34.3406



41.3125, 22.4656, 60.4397



20.4532, 13.1153, 16.0164



7.8189, 7.6574, 9.3635



16.7493, 8.1084, 24.5550



0.4140, 0.1999, 0.6316

Previews

White Background



This preview shows how the XYZ color 17.0856, 28.9117, 10.9833 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0856, 28.9117, 10.9833 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0856, 28.9117, 10.9833

Background



This preview shows how black text looks on a background with the XYZ color 17.0856, 28.9117, 10.9833.



This preview shows how white text looks on a background with the XYZ color 17.0856, 28.9117,

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

17.0856, 28.9117, 10.9833

Protanopia

25.9899, 28.5401, 9.4492

Deuteranopia

29.0407, 28.5094, 11.5617



Tritanopia

23.2663, 28.8152, 41.8717

Trichromacy



Original Color

17.0856, 28.9117, 10.9833

Protanomaly

21.0696, 27.6478, 9.8563

Deuteranomaly

22.4035, 27.3491, 11.1193

Tritanomaly

20.2672, 28.6122, 27.0088

Monochromacy



Original Color

17.0856, 28.9117, 10.9833

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

17.8876, 23.0543, 17.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0856, 28.9117, 10.9833 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(66, 166, 73)` looks like.

```
.text, #text, p{  
    color:rgb(66, 166, 73)  
}
```

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(66, 166, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 166, 73) }
```

Border

The CSS property to change the border of an element to XYZ 17.0856, 28.9117, 10.9833 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(66, 166, 73) }
```


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

```
.border{ border-color:rgb(66, 166, 73) }
```

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

Here you see how a box with a 4 pixel rgb(66, 166, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 166, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 166, 73);  
box-shadow:4px 4px 4px 4px rgb(66, 166,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0856, 28.9117, 10.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 166, 73) }
```

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

```
.background{ background-color: rgb(66, 166,  
73) }
```

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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