

Converting Colors

XYZ(17.0489, 29.1890, 9.8897)

Have a look what the booklet for
XYZ(17.0489, 29.1890, 9.8897)
contains.

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Color

**XYZ(17.0489, 29.1890,
9.8897)**

Conversions

Conversions Part 1

Format	Color
Hex	42A742
RGB	66, 167, 66
RGB Percent	26%, 65%, 26%
CMY	0.7412, 0.3451, 0.7412
CMYK	0.60, 0.00, 0.60, 0.35
HSL	120°, 43%, 46%
HSV	120°, 60%, 65%
XYZ	17.0489, 29.1890, 9.8897
YIQ	125.2870, -27.7750, -52.8230

Conversions

Conversions Part 2

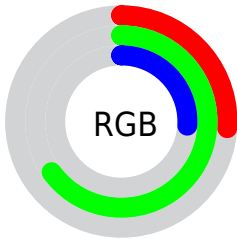
Format	Color
RYB	66, 167, 167
Decimal	4368194
CIELab	60.95, -49.69, 42.77
CIElCh	61, 65.560, 139.282
Yxy	29.1890, 0.3038, 0.5200
Android (android.graphics.Color)	4282558274 (0xFF42A742)
YUV	125.2870, -29.2285, -51.9947
Hunter-Lab	54.0268, -38.2189, 26.9657

Details

The XYZ color **17.0489, 29.1890, 9.8897** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **24.8605, 14.9026, 38.1264**, and the grayscale version is **19.6927, 20.7183, 22.5622**.

A 20% lighter version of the original color is **37.9107, 58.3448, 26.0932**, and **6.0837, 12.0612, 2.3552** is the 20% darker color. If you saturate the color by 10%, you get **15.6613, 28.5233, 7.6194**, and if you desaturate by 10%, it is **18.9102, 30.0840, 12.9337**.

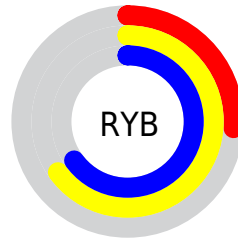
Distribution



Red (26%)

Green (65%)

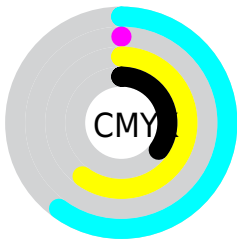
Blue (26%)



Red (26%)

Yellow (65%)

Blue (65%)

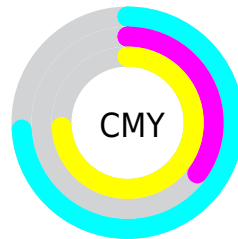


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (35%)



Cyan (74%)


Magenta (35%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0489, 29.1890, 9.8897 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 17.0489, 29.1890, 9.8897 by changing the saturation by 10% instead.


 17.0489, 29.1890,
9.8897


 17.0489, 29.1890,
9.8897


228.6048,
298.1057, 200.3392


 10.3649, 19.2238,
5.2212


 37.9528, 58.3772,
26.1924


 5.7057, 11.8321,
2.3166


 52.9033, 78.3691,
38.6637


 2.7059, 6.6295,
0.7405


 71.3401, 102.4720,
54.5731

 1.0002, 3.2315,
0.0000

 93.6284, 131.0703,
74.3390

 0.0000, 1.2537,
0.0000

 120.1337,
164.5484, 98.3800

 0.0000, 0.1050,
0.0000

151.2213,

 0.0000, 0.0000,

203.2908, 127.1147

0.0000

187.2565,
247.6817, 160.9615

■ 17.0489, 29.1890,
9.8897

■ 17.0489, 29.1890,
9.8897

■ 15.6613, 28.5233,
7.6194

■ 18.9102, 30.0840,
12.9337

■ 14.7028, 28.0629,
6.0516

■ 21.2804, 31.2225,
16.8106

■ 14.1241, 27.7849,
5.1050

■ 24.1938, 32.6219,
21.5760

■ 13.8193, 27.6385,
4.6065

■ 27.6811, 34.2971,
27.2802

■ 31.7708, 36.2616,
33.9697

■ 36.4895, 38.5282,
41.6879

■ 41.8621, 41.1089,
50.4757

■ 47.9122, 44.0151,
60.3717

■ 54.6623, 47.2575,
71.4126

Harmonies

Analogous

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



22.6575, 29.1890, 4.8276



17.0489, 29.1890, 9.8897



14.5149, 29.1890, 23.8003

Triad

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



17.0489, 29.1890, 9.8897



24.7949, 29.1890, 104.1914



46.3494, 29.1890, 18.6239

Complementary

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



17.0489, 29.1890, 9.8897



24.8605, 14.9026, 38.1264

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.



47.2505, 29.1890, 41.3739



17.0489, 29.1890, 9.8897



33.5383, 29.1890, 100.2239

Square

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



17.0489, 29.1890, 9.8897



18.3357, 29.1890, 82.5375



42.1738, 29.1890, 73.4894



39.9184, 29.1890, 7.7764

Rectangle

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



17.0489, 29.1890, 9.8897



14.4685, 29.1890, 40.0035



42.1738, 29.1890, 73.4894



47.3526, 29.1890, 24.7718

Sweetspot

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



17.0496, 29.1902, 9.8904



51.0571, 62.1343, 51.2824



30.7397, 36.2477, 10.5309



10.9933, 13.6968, 10.7689



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.



17.0496, 29.1902, 9.8904



27.3010, 50.7231, 12.4248



19.2479, 30.0695, 21.4662



7.4368, 8.4078, 8.0202



10.5742, 21.1485, 3.5248



0.2573, 0.5145, 0.0858

Inverse Universe

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



24.8605, 14.9026, 38.1264



42.5722, 22.7892, 67.6292



21.0670, 13.3851, 18.1499



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6764



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 17.0489, 29.1890, 9.8897 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 17.0489, 29.1890, 9.8897 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 17.0489, 29.1890, 9.8897

Background



This preview shows how black text looks on a background with the XYZ color 17.0489, 29.1890, 9.8897.



This preview shows how white text looks on a background with the XYZ color 17.0489, 29.1890,

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

17.0489, 29.1890, 9.8897

Protanopia

26.1988, 28.6705, 8.4281

Deuteranopia

29.0591, 28.5434, 10.4564



Tritanopia

23.5328, 29.2027, 41.9325

Trichromacy



Original Color

17.0489, 29.1890, 9.8897

Protanomaly

21.3272, 28.0482, 8.8472

Deuteranomaly

22.3660, 27.3531, 10.0621

Tritanomaly

20.3894, 28.9495, 26.3430

Monochromacy



Original Color

17.0489, 29.1890, 9.8897

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

17.5857, 22.6987, 16.5511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0489, 29.1890, 9.8897 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, 167, 66)` looks like.

```
.text, #text, p{  
    color:rgb(66, 167, 66)  
}
```

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, 167, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 167, 66) }
```

Border

The CSS property to change the border of an element to XYZ 17.0489, 29.1890, 9.8897 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, 167, 66) }
```


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

```
.border{ border-color:rgb(66, 167, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 167, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 167, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 167, 66);  
box-shadow:4px 4px 4px 4px rgb(66, 167,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0489, 29.1890, 9.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 167, 66) }
```

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

```
.background{ background-color: rgb(66, 167,  
66) }
```

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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