

Converting Colors

XYZ(17.3281, 29.2860, 10.7315)

Have a look what the booklet for
XYZ(17.3281, 29.2860, 10.7315)
contains.

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Color

**XYZ(17.3399, 29.3213,
10.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	44A747
RGB	68, 167, 71
RGB Percent	27%, 65%, 28%
CMY	0.7333, 0.3451, 0.7216
CMYK	0.59, 0.00, 0.57, 0.35
HSL	122°, 42%, 46%
HSV	122°, 59%, 65%
XYZ	17.3399, 29.3213, 10.7069
YIQ	126.4550, -28.1880, -50.8440

Conversions

Conversions Part 2

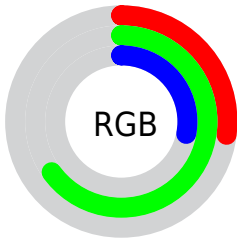
Format	Color
RYB	68, 164, 167
Decimal	4499271
CIELab	61.06, -48.59, 40.56
CIElCh	61, 63.295, 140.153
Yxy	29.3213, 0.3023, 0.5111
Android (android.graphics.Color)	4282689351 (0xFF44A747)
YUV	126.4550, -27.3393, -51.2650
Hunter-Lab	54.1491, -37.6009, 26.1810

Details

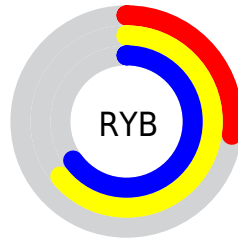
The XYZ color **17.3399, 29.3213, 10.7069** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **24.7050, 15.0304, 36.7212**, and the grayscale version is **20.0841, 21.1301, 23.0106**.

A 20% lighter version of the original color is **38.5047, 58.6161, 27.6970**, and **6.1436, 12.0851, 2.6707** is the 20% darker color. If you saturate the color by 10%, you get **15.8847, 28.6242, 8.2783**, and if you desaturate by 10%, it is **19.2668, 30.2472, 13.8818**.

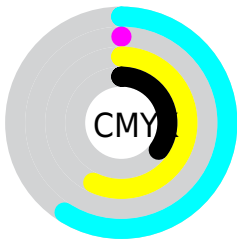
Distribution



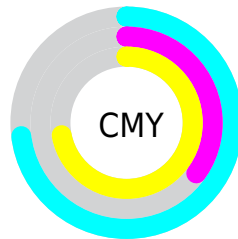
- Red (27%)
- Green (65%)
- Blue (28%)



- Red (27%)
- Yellow (64%)
- Blue (65%)



- Cyan (59%)
- Magenta (0%)
- Yellow (57%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3399, 29.3213, 10.7069 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 17.3399, 29.3213, 10.7069 by changing the saturation by 10% instead.

■ 17.3399, 29.3213,
10.7069

■ 17.3399, 29.3213,
10.7069

230.2418,
298.7279, 206.3102

■ 10.5739, 19.3240,
5.7584

■ 38.4482, 58.5872,
27.7452

■ 5.8463, 11.9046,
2.6323

■ 53.5213, 78.6246,
40.6721

■ 2.7916, 6.6788,
0.9091

■ 72.0941, 102.7774,
57.0956

■ 1.0445, 3.2620,
0.0000

■ 94.5320, 131.4302,
77.4342

■ 0.0000, 1.2700,
0.0000

■ 121.2004,
164.9672, 102.1064

■ 0.0000, 0.1178,
0.0000

152.4646,

■ 0.0000, 0.0000,

203.7729, 131.5308

0.0000

188.6900,
248.2317, 166.1259

■ 17.3399, 29.3213,
10.7069

■ 17.3399, 29.3213,
10.7069

■ 15.8847, 28.6242,
8.2783

■ 19.2668, 30.2472,
13.8818

■ 14.8588, 28.1329,
6.5332

■ 21.6989, 31.4156,
17.8551

■ 14.2158, 27.8258,
5.4022

■ 24.6692, 32.8432,
22.6764

■ 13.8684, 27.6600,
4.7868

■ 28.2072, 34.5443,
28.3909

■ 13.8471, 27.6497,
4.7526

■ 32.3403, 36.5321,
35.0405

■ 37.0941, 38.8189,
42.6644

■ 42.4927, 41.4165,
51.2997

■ 48.5591, 44.3358,
60.9814

■ 55.3148, 47.5874,
71.7430

Harmonies

Analogous

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



22.7328, 29.3213, 5.3930



17.3399, 29.3213, 10.7069



14.9350, 29.3213, 24.7413

Triad

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



17.3399, 29.3213, 10.7069



25.2322, 29.3213, 101.2793



45.6597, 29.3213, 18.6455

Complementary

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



17.3399, 29.3213, 10.7069



24.7050, 15.0304, 36.7212

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.



46.6967, 29.3213, 40.3820



17.3399, 29.3213, 10.7069



33.7259, 29.3213, 96.7685

Square

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



17.3399, 29.3213, 10.7069



18.8568, 29.3213, 81.3285



41.9768, 29.3213, 70.9914



39.3738, 29.3213, 8.1462

Rectangle

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



17.3399, 29.3213, 10.7069



14.9447, 29.3213, 40.6626



41.9768, 29.3213, 70.9914



46.6759, 29.3213, 24.5399

Sweetspot

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



17.3406, 29.3225, 10.7076



51.1762, 62.1820, 51.9096



30.4533, 36.0932, 10.8304



11.0227, 13.7086, 10.9239



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.



17.3406, 29.3225, 10.7076



27.8182, 50.9606, 13.7634



19.5421, 30.2031, 22.3003



7.4456, 8.4113, 8.0668



10.5988, 21.1583, 3.6542



0.2607, 0.5159, 0.1036

Inverse Universe

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



24.7050, 15.0304, 36.7212



42.2047, 23.0103, 64.5588



21.1479, 13.6076, 17.9896



7.8319, 7.6626, 9.4322



17.1840, 8.2823, 26.8443



0.4210, 0.2027, 0.6686

Previews

White Background



This preview shows how the XYZ color 17.3399, 29.3213, 10.7069 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 17.3399, 29.3213, 10.7069 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 17.3399, 29.3213, 10.7069

Background



This preview shows how black text looks on a background with the XYZ color 17.3399, 29.3213, 10.7069.



This preview shows how white text looks on a background with the XYZ color 17.3399, 29.3213,

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

17.3399, 29.3213, 10.7069

Protanopia

26.4921, 29.0356, 9.2092

Deuteranopia

29.2343, 28.6135, 11.3793



Tritanopia

23.6320, 29.2538, 41.9371

Trichromacy



Original Color

17.3399, 29.3213, 10.7069



Protanomaly

21.4708, 28.1056, 9.6035



Deuteranomaly

22.6994, 27.5057, 10.9502



Tritanomaly

20.5458, 29.0222, 26.7093

Monochromacy



Original Color

17.3399, 29.3213, 10.7069



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

17.9521, 23.0936, 17.1470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3399, 29.3213, 10.7069 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(68, 167, 71)` looks like.

```
.text, #text, p{  
    color:rgb(68, 167, 71)  
}
```

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(68, 167, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 167, 71) }
```

Border

The CSS property to change the border of an element to XYZ 17.3399, 29.3213, 10.7069 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(68, 167, 71) }
```


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

```
.border{ border-color:rgb(68, 167, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 167, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 167, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 167, 71);  
box-shadow:4px 4px 4px 4px rgb(68, 167,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3399, 29.3213, 10.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 167, 71) }
```

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

```
.background{ background-color: rgb(68, 167,  
71) }
```

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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