

Converting Colors

XYZ(16.7272, 29.2719, 11.0715)

Have a look what the booklet for
XYZ(16.7272, 29.2719, 11.0715)
contains.

XYZ(16.7266, 29.2706, 11.0715)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.7266, 29.2706,
11.0715)**

Conversions

Conversions Part 1

Format	Color
Hex	36A849
RGB	54, 168, 73
RGB Percent	21%, 66%, 29%
CMY	0.7882, 0.3412, 0.7137
CMYK	0.68, 0.00, 0.57, 0.34
HSL	130°, 51%, 44%
HSV	130°, 68%, 66%
XYZ	16.7266, 29.2706, 11.0715
YIQ	123.0840, -37.4490, -53.7130

Conversions

Conversions Part 2

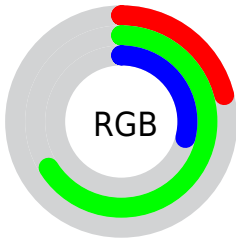
Format	Color
RYB	54, 152, 168
Decimal	3582025
CIELab	61.02, -51.79, 39.44
CIElCh	61, 65.097, 142.706
Yxy	29.2706, 0.2931, 0.5129
Android (android.graphics.Color)	4281772105 (0xFF36A849)
YUV	123.0840, -24.6914, -60.5867
Hunter-Lab	54.1023, -39.4929, 25.7385

Details

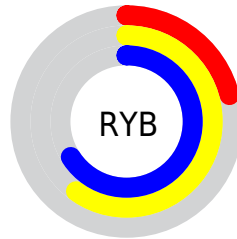
The XYZ color **16.7266, 29.2706, 11.0715** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **22.8934, 13.1337, 29.7633**, and the grayscale version is **18.9430, 19.9295, 21.7032**.

A 20% lighter version of the original color is **37.3640, 58.4114, 28.3740**, and **6.2756, 12.3194, 2.8062** is the 20% darker color. If you saturate the color by 10%, you get **15.5629, 28.7193, 8.8611**, and if you desaturate by 10%, it is **18.3077, 30.0267, 13.8482**.

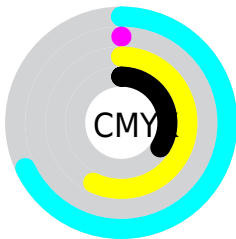
Distribution



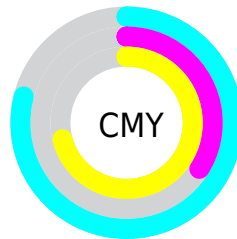
- Red (21%)
- Green (66%)
- Blue (29%)



- Red (21%)
- Yellow (60%)
- Blue (66%)



- Cyan (68%)
- Magenta (0%)
- Yellow (57%)
- Black (34%)



- Cyan (79%)
- Magenta (34%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7266, 29.2706, 11.0715 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 16.7266, 29.2706, 11.0715 by changing the saturation by 10% instead.

■ 16.7266, 29.2706,
11.0715

■ 16.7266, 29.2706,
11.0715

226.7790,
298.4896, 208.9124

■ 10.1338, 19.2856,
6.0002

■ 37.4025, 58.5067,
28.4310

■ 5.5507, 11.8768,
2.7764

■ 52.2163, 78.5267,
41.5562

■ 2.6119, 6.6599,
0.9816

■ 70.5012, 102.6604,
58.2031

■ 0.9520, 3.2503,
0.0000

■ 92.6225, 131.2923,
78.7903

■ 0.0000, 1.2638,
0.0000

■ 118.9455,
164.8068, 103.7363

■ 0.0000, 0.1129,
0.0000

149.8357,

■ 0.0000, 0.0000,

203.5882, 133.4596

0.0000

185.6584,
248.0210, 168.3788

■ 16.7266, 29.2706,
11.0715

■ 16.7266, 29.2706,
11.0715

■ 15.5629, 28.7193,
8.8611

■ 18.3077, 30.0267,
13.8482

■ 14.7736, 28.3489,
7.1761

■ 20.3393, 31.0014,
17.2245

■ 14.2956, 28.1286,
5.9724

■ 22.8537, 32.2115,
21.2335

■ 14.2128, 28.0903,
5.7715

■ 25.8795, 33.6711,
25.9052

■ 29.4432, 35.3933,
31.2678

■ 33.5693, 37.3900,
37.3477

■ 38.2808, 39.6728,
44.1701

■ 43.5994, 42.2522,
51.7588

■ 49.5459, 45.1384,
60.1368

Harmonies

Analogous

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



21.9697, 29.2706, 5.2384



16.7266, 29.2706, 11.0715



14.5401, 29.2706, 26.2824

Triad

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



16.7266, 29.2706, 11.0715



25.7942, 29.2706, 104.6325



45.8140, 29.2706, 16.9863

Complementary

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



16.7266, 29.2706, 11.0715



22.8934, 13.1337, 29.7633

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.



47.4164, 29.2706, 38.1999



16.7266, 29.2706, 11.0715



34.6282, 29.2706, 97.6098

Square

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



16.7266, 29.2706, 11.0715



19.0361, 29.2706, 85.5895



42.9770, 29.2706, 69.5408



38.9619, 29.2706, 7.2346

Rectangle

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



16.7266, 29.2706, 11.0715



14.7149, 29.2706, 43.3309



42.9770, 29.2706, 69.5408



47.0346, 29.2706, 22.6335

Sweetspot

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



16.7273, 29.2718, 11.0722



51.7092, 63.3932, 54.1742



27.0641, 34.6626, 8.7544



10.8849, 13.6307, 11.2291



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.



16.7273, 29.2718, 11.0722



27.4973, 51.7634, 14.5494



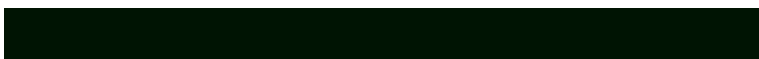
19.5541, 30.4025, 25.9577



7.4859, 8.4274, 8.2788



10.7459, 21.2171, 4.4290



0.2759, 0.5220, 0.1838

Inverse Universe

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



22.8934, 13.1337, 29.7633



39.3808, 20.4434, 50.4104



19.4002, 11.7364, 11.3686



7.7874, 7.6448, 9.1977



15.7855, 7.7229, 19.4796



0.3979, 0.1934, 0.5467

Previews

White Background



This preview shows how the XYZ color 16.7266, 29.2706, 11.0715 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 16.7266, 29.2706, 11.0715 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 16.7266, 29.2706, 11.0715

Background



This preview shows how black text looks on a background with the XYZ color 16.7266, 29.2706, 11.0715.



This preview shows how white text looks on a background with the XYZ color 16.7266, 29.2706,

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

16.7266, 29.2706, 11.0715

Protanopia

26.1625, 28.6325, 9.3020

Deuteranopia

29.3082, 28.6430, 11.7685



Tritanopia

23.1448, 29.2330, 42.9507

Trichromacy



Original Color

16.7266, 29.2706, 11.0715



Protanomaly

20.7982, 27.7518, 9.8907



Deuteranomaly

22.1130, 27.4311, 11.3370



Tritanomaly

19.9660, 28.9676, 27.4607

Monochromacy



Original Color

16.7266, 29.2706, 11.0715



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

16.8194, 22.0818, 16.7403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7266, 29.2706, 11.0715 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(54, 168, 73)` looks like.

```
.text, #text, p{  
    color:rgb(54, 168, 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(54, 168, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 168, 73) }
```

Border

The CSS property to change the border of an element to XYZ 16.7266, 29.2706, 11.0715 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(54, 168, 73) }
```


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

```
.border{ border-color:rgb(54, 168, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 168, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 168, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 168, 73);  
box-shadow:4px 4px 4px 4px rgb(54, 168,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7266, 29.2706, 11.0715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 168, 73) }
```

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

```
.background{ background-color: rgb(54, 168,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor