

Converting Colors

XYZ(15.3589, 28.4229, 5.0576)

Have a look what the booklet for
XYZ(15.3589, 28.4229, 5.0576)
contains.

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Color

**XYZ(15.3596, 28.4234,
5.0575)**

Conversions

Conversions Part 1

Format	Color
Hex	35A70D
RGB	53, 167, 13
RGB Percent	21%, 65%, 5%
CMY	0.7922, 0.3451, 0.9490
CMYK	0.68, 0.00, 0.92, 0.35
HSL	104°, 86%, 35%
HSV	104°, 92%, 65%
XYZ	15.3596, 28.4234, 5.0575
YIQ	115.3580, -18.5100, -72.0620

Conversions

Conversions Part 2

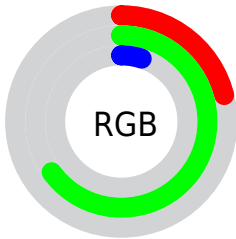
Format	Color
RYB	13, 167, 127
Decimal	3516173
CIELab	60.27, -56.40, 59.61
CIELCh	60, 82.062, 133.419
Yxy	28.4234, 0.3145, 0.5820
Android (android.graphics.Color)	4281706253 (0xFF35A70D)
YUV	115.3580, -50.4625, -54.6880
Hunter-Lab	53.3136, -41.8731, 31.6951

Details

The XYZ color **15.3596, 28.4234, 5.0575** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **15.8742, 7.5915, 37.1894**, and the grayscale version is **16.5584, 17.4208, 18.9712**.

A 20% lighter version of the original color is **34.9653, 57.0384, 16.3744**, and **6.0173, 12.0346, 2.0058** is the 20% darker color. If you saturate the color by 10%, you get **14.8310, 28.1602, 4.6538**, and if you desaturate by 10%, it is **16.2542, 28.8672, 5.9244**.

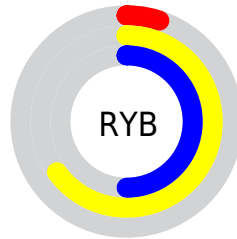
Distribution



Red (21%)

Green (65%)

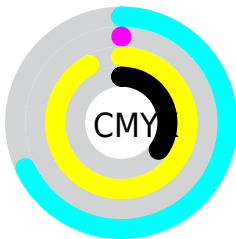
Blue (5%)



Red (5%)

Yellow (65%)

Blue (50%)

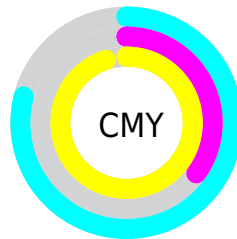


Cyan (68%)

Magenta (0%)

Yellow (92%)

Black (35%)



Cyan (79%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3596, 28.4234, 5.0575 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 15.3596, 28.4234, 5.0575 by changing the saturation by 10% instead.

■ 15.3596, 28.4234,
5.0575

■ 15.3596, 28.4234,
5.0575

218.8781,
294.4846, 159.3401

■ 9.1601, 18.6451,
2.2217

■ 35.0493, 57.1597,
16.3833

■ 4.9037, 11.4141,
0.6869

■ 49.2702, 76.8865,
25.7104

■ 2.2250, 6.3461,
0.0000

■ 66.8957, 100.6982,
38.0384

■ 0.7559, 3.0566,
0.0000

■ 88.2910, 128.9792,
53.7858

■ 0.0000, 1.1614,
0.0000

■ 113.8215,
162.1140, 73.3711

■ 0.0000, 0.0298,
0.0000

■ 143.8526,

■ 0.0000, 0.0000,

200.4869, 97.2129

0.0000

178.7497,
244.4823, 125.7297

15.3596, 28.4234,
5.0575

15.3596, 28.4234,
5.0575

14.8310, 28.1602,
4.6538

16.2542, 28.8672,
5.9244

17.4403, 29.4474,
7.3924

18.9450, 30.1770,
9.5456

20.7916, 31.0665,
12.4541

23.0008, 32.1252,
16.1795

■ 25.5916, 33.3618,
20.7769

■ 28.5817, 34.7841,
26.2968

■ 31.9876, 36.3998,
32.7858

■ 35.8248, 38.2159,
40.2871

Harmonies

Analogous

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



22.5873, 28.4234, 1.8783



15.3596, 28.4234, 5.0575



11.8948, 28.4234, 17.1836

Triad

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



15.3596, 28.4234, 5.0575



21.6438, 28.4234, 126.3134



51.8590, 28.4234, 19.3554

Complementary

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



15.3596, 28.4234, 5.0575



15.8742, 7.5915, 37.1894

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.



51.4140, 28.4234, 50.6019



15.3596, 28.4234, 5.0575



31.9878, 28.4234, 128.4385

Square

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



15.3596, 28.4234, 5.0575



14.8242, 28.4234, 90.2957



43.4431, 28.4234, 94.9909



44.5356, 28.4234, 5.7638

Rectangle

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



15.3596, 28.4234, 5.0575



11.4348, 28.4234, 34.5338



43.4431, 28.4234, 94.9909



52.6606, 28.4234, 27.6199

Sweetspot

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



15.3603, 28.4246, 5.0581



47.7280, 60.6495, 40.6701



23.4628, 23.1511, 3.6132



10.2040, 13.3453, 8.2323



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.



15.3603, 28.4246, 5.0581



26.3953, 50.3459, 8.3266



14.5387, 27.9455, 7.5273



7.6126, 8.4984, 8.0284



11.3886, 21.5683, 3.5629



0.3236, 0.5487, 0.0889

Inverse Universe

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



15.8742, 7.5915, 37.1894



27.0823, 12.5184, 66.4642



20.1827, 10.1447, 22.3927



7.6490, 7.5671, 9.4758



11.7050, 5.4176, 28.4043



0.3285, 0.1544, 0.6931

Previews

White Background



This preview shows how the XYZ color 15.3596, 28.4234, 5.0575 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 15.3596, 28.4234, 5.0575 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 15.3596, 28.4234, 5.0575

Background



This preview shows how black text looks on a background with the XYZ color 15.3596, 28.4234, 5.0575.



This preview shows how white text looks on a background with the XYZ color 15.3596, 28.4234,

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

15.3596, 28.4234, 5.0575

Protanopia

25.2297, 28.0373, 4.0820

Deuteranopia

28.3356, 27.8486, 5.6321



Tritanopia

22.5355, 28.2011, 41.3014

Trichromacy



Original Color

15.3596, 28.4234, 5.0575



Protanomaly

19.5870, 27.0044, 4.3236



Deuteranomaly

20.6310, 26.3320, 5.0938



Tritanomaly

18.0704, 27.3826, 19.6622

Monochromacy



Original Color

15.3596, 28.4234, 5.0575



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.3139, 19.8756, 10.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3596, 28.4234, 5.0575 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(53, 167, 13)` looks like.

```
.text, #text, p{  
    color:rgb(53, 167, 13)  
}
```

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(53, 167, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 167, 13) }
```

Border

The CSS property to change the border of an element to XYZ 15.3596, 28.4234, 5.0575 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(53, 167, 13) }
```


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

```
.border{ border-color:rgb(53, 167, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 167, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 167, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 167, 13);  
box-shadow:4px 4px 4px 4px rgb(53, 167,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3596, 28.4234, 5.0575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 167, 13) }
```

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

```
.background{ background-color: rgb(53, 167,  
13) }
```

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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