

Converting Colors

XYZ(15.0743, 27.4583, 5.4480)

Have a look what the booklet for
XYZ(15.0743, 27.4583, 5.4480)
contains.

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Color

**XYZ(15.0818, 27.4619,
5.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	38A419
RGB	56, 164, 25
RGB Percent	22%, 64%, 10%
CMY	0.7804, 0.3568, 0.9019
CMYK	0.66, 0.00, 0.85, 0.36
HSL	107°, 74%, 37%
HSV	107°, 85%, 64%
XYZ	15.0818, 27.4619, 5.4255
YIQ	115.8620, -19.7490, -66.1250

Conversions

Conversions Part 2

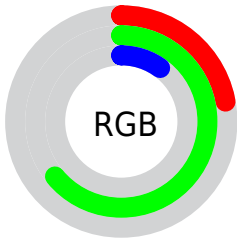
Format	Color
RYP	25, 164, 133
Decimal	3712025
CIE Lab	59.40, -54.31, 56.40
CIE LCh	59, 78.297, 133.915
Yxy	27.4619, 0.3144, 0.5725
Android (android.graphics.Color)	4281902105 (0xFF38A419)
YUV	115.8620, -44.7950, -52.4990
Hunter-Lab	52.4041, -40.3352, 30.5445

Details

The XYZ color **15.0818, 27.4619, 5.4255** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **16.7237, 8.3636, 35.8564**, and the grayscale version is **16.6962, 17.5657, 19.1290**.

A 20% lighter version of the original color is **34.4907, 55.5928, 17.0963**, and **5.6844, 11.3689, 1.8948** is the 20% darker color. If you saturate the color by 10%, you get **14.3302, 27.0901, 4.7208**, and if you desaturate by 10%, it is **16.1195, 27.9709, 6.6847**.

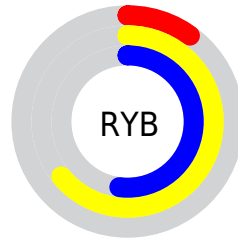
Distribution



Red (22%)

Green (64%)

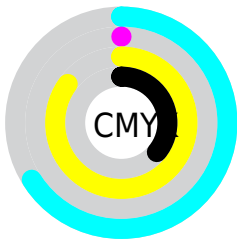
Blue (10%)



Red (10%)

Yellow (64%)

Blue (52%)

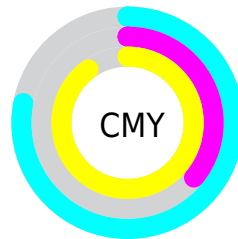


Cyan (66%)

Magenta (0%)

Yellow (85%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0818, 27.4619, 5.4255 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 15.0818, 27.4619, 5.4255 by changing the saturation by 10% instead.

■ 15.0818, 27.4619,
5.4255

■ 15.0818, 27.4619,
5.4255

217.2394,
289.8867, 162.9523

■ 8.9635, 17.9204,
2.4359

■ 34.5671, 55.6242,
17.1829

■ 4.7743, 10.8929,
0.8059

■ 48.6648, 75.0138,
26.7878

■ 2.1488, 5.9948,
0.0000

■ 66.1530, 98.4549,
39.4349

■ 0.7156, 2.8419,
0.0000

■ 87.3971, 126.3319,
55.5427

■ 0.0000, 1.0498,
0.0000

■ 112.7625,
159.0292, 75.5299

■ 0.0000, 0.0000,
0.0000

■ 142.6144,

196.9311, 99.8148

177.3182,
240.4221, 128.8161

■ 15.0818, 27.4619,
5.4255

■ 15.0818, 27.4619,
5.4255

■ 14.3302, 27.0901,
4.7208

■ 16.1195, 27.9709,
6.6847

■ 14.0236, 26.9375,
4.4603

■ 17.4701, 28.6265,
8.5822

■ 19.1588, 29.4412,
11.1884

■ 21.2078, 30.4249,
14.5642

■ 23.6369, 31.5867,
18.7635

■ 26.4648, 32.9352,
23.8359

■ 29.7088, 34.4783,
29.8267

■ 33.3849, 36.2234,
36.7782

■ 37.5087, 38.1775,
44.7300

Harmonies

Analogous

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



21.8228, 27.4619, 2.1431



15.0818, 27.4619, 5.4255



11.8475, 27.4619, 17.2912

Triad

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



15.0818, 27.4619, 5.4255



21.2161, 27.4619, 117.6514



49.0288, 27.4619, 18.6997

Complementary

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



15.0818, 27.4619, 5.4255



16.7237, 8.3636, 35.8564

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.



48.7478, 27.4619, 47.5073



15.0818, 27.4619, 5.4255



30.9063, 27.4619, 118.9762

Square

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



15.0818, 27.4619, 5.4255



14.7340, 27.4619, 85.2082



41.4944, 27.4619, 88.1495



42.1863, 27.4619, 5.9025

Rectangle

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



15.0818, 27.4619, 5.4255



11.4421, 27.4619, 33.7439



41.4944, 27.4619, 88.1495



49.8087, 27.4619, 26.3621

Sweetspot

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



15.0824, 27.4631, 5.4261



47.6424, 59.5929, 42.5482



23.6793, 24.3495, 4.3720



10.0284, 12.8437, 8.6018



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0824, 27.4631, 5.4261



25.3048, 48.8170, 8.0889



14.5487, 27.1075, 9.0334



7.1264, 7.9677, 7.5424



10.7874, 20.6716, 3.4215



0.2637, 0.4534, 0.0736

Inverse Universe

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



16.7237, 8.3636, 35.8564



27.9816, 13.0200, 64.7906



19.4850, 10.1191, 20.9836



7.2091, 7.1222, 8.8978



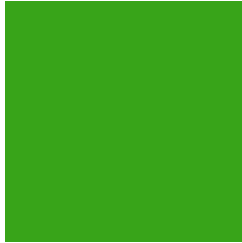
11.9404, 5.5620, 27.3740



0.2871, 0.1355, 0.5769

Previews

White Background



This preview shows how the XYZ color 15.0818, 27.4619, 5.4255 looks on a white background.

Color Contrast Check

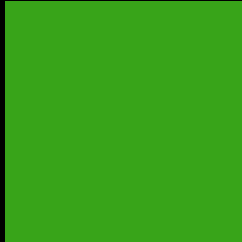
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0818, 27.4619, 5.4255 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 15.0818, 27.4619, 5.4255

Background



This preview shows how black text looks on a background with the XYZ color 15.0818, 27.4619, 5.4255.



This preview shows how white text looks on a background with the XYZ color 15.0818, 27.4619,

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

15.0818, 27.4619, 5.4255

Protanopia

24.2877, 26.8666, 4.5218

Deuteranopia

27.4420, 26.9601, 5.9480



Tritanopia

22.0205, 27.4775, 39.7404

Trichromacy



Original Color

15.0818, 27.4619, 5.4255



Protanomaly

19.0677, 26.0044, 4.7238



Deuteranomaly

20.4288, 25.7535, 5.5633



Tritanomaly

17.9959, 26.8247, 20.1488

Monochromacy



Original Color

15.0818, 27.4619, 5.4255



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

14.5650, 19.7793, 11.2337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0818, 27.4619, 5.4255 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(56, 164, 25)` looks like.

```
.text, #text, p{  
    color:rgb(56, 164, 25)  
}
```

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(56, 164, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 164, 25) }
```

Border

The CSS property to change the border of an element to XYZ 15.0818, 27.4619, 5.4255 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(56, 164, 25) }
```


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

```
.border{ border-color:rgb(56, 164, 25) }
```

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

Here you see how a box with a 4 pixel rgb(56, 164, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 164, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 164, 25);  
box-shadow:4px 4px 4px 4px rgb(56, 164,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0818, 27.4619, 5.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 164, 25) }
```

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

```
.background{ background-color: rgb(56, 164,  
25) }
```

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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