

Converting Colors

XYZ(15.5794, 27.4333, 6.4108)

Have a look what the booklet for
XYZ(15.5794, 27.4333, 6.4108)
contains.

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Color

**XYZ(15.5778, 27.4309,
6.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	40A327
RGB	64, 163, 39
RGB Percent	25%, 64%, 15%
CMY	0.7490, 0.3608, 0.8470
CMYK	0.61, 0.00, 0.76, 0.36
HSL	108°, 61%, 40%
HSV	108°, 76%, 64%
XYZ	15.5778, 27.4309, 6.3931
YIQ	119.2630, -19.2000, -59.5520

Conversions

Conversions Part 2

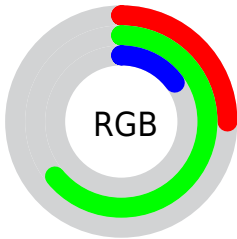
Format	Color
R_{YB}	39, 163, 138
Decimal	4236071
CIE _{Lab}	59.37, -51.25, 52.22
CIE _{LCh}	59, 73.163, 134.464
Yxy	27.4309, 0.3153, 0.5553
Android (android.graphics.Color)	4282426151 (0xFF40A327)
YUV	119.2630, -39.5697, -48.4657
Hunter-Lab	52.3745, -38.5640, 29.4249

Details

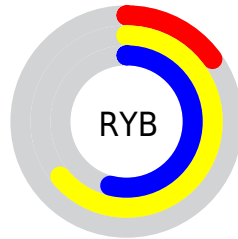
The XYZ color **15.5778, 27.4309, 6.3931** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **17.8193, 9.4997, 35.5463**, and the grayscale version is **17.7447, 18.6688, 20.3303**.

A 20% lighter version of the original color is **35.4757, 55.6643, 19.2304**, and **5.5759, 11.1519, 1.8586** is the 20% darker color. If you saturate the color by 10%, you get **14.6140, 26.9597, 5.2287**, and if you desaturate by 10%, it is **16.8565, 28.0527, 8.1792**.

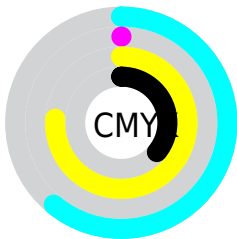
Distribution



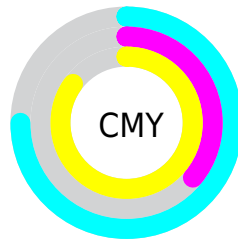
- Red (25%)
- Green (64%)
- Blue (15%)



- Red (15%)
- Yellow (64%)
- Blue (54%)



- Cyan (61%)
- Magenta (0%)
- Yellow (76%)
- Black (36%)





- Cyan (75%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5778, 27.4309, 6.3931 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 15.5778, 27.4309, 6.3931 by changing the saturation by 10% instead.


 15.5778, 27.4309,
6.3931


 15.5778, 27.4309,
6.3931


220.1571,
289.7375, 171.9560


 9.3148, 17.8971,
3.0129


 35.4271, 55.5746,
19.2331


 5.0059, 10.8761,
1.1012


 49.7441, 74.9532,
29.5300

 2.2855, 5.9836,
0.0000

 67.4765, 98.3823,
42.9695

 0.7872, 2.8351,
0.0000

 88.9897, 126.2461,
59.9703

 0.0000, 1.0463,
0.0000

 114.6490,
158.9292, 80.9507

 0.0000, 0.0000,
0.0000

 144.8197,

196.8158, 106.3295

179.8673,
240.2904, 136.5250

■ 15.5778, 27.4309,
6.3931

■ 15.5778, 27.4309,
6.3931

■ 14.6140, 26.9597,
5.2287

■ 16.8565, 28.0527,
8.1792

■ 13.9311, 26.6211,
4.5880

■ 18.4740, 28.8334,
10.6553

■ 13.7204, 26.5165,
4.3951

■ 20.4539, 29.7847,
13.8830

■ 22.8172, 30.9162,
17.9165

■ 25.5831, 32.2368,
22.8048

■ 28.7696, 33.7546,
28.5932

■ 32.3935, 35.4776,
35.3239

■ 36.4707, 37.4130,
43.0361

■ 41.0164, 39.5679,
51.7671

Harmonies

Analogous

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



21.9154, 27.4309, 2.8104



15.5778, 27.4309, 6.3931



12.5171, 27.4309, 18.2909

Triad

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



15.5778, 27.4309, 6.3931



21.6332, 27.4309, 109.6034



47.1184, 27.4309, 18.9560

Complementary

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



15.5778, 27.4309, 6.3931



17.8193, 9.4997, 35.5463

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.



46.9920, 27.4309, 45.5193



15.5778, 27.4309, 6.3931



30.7241, 27.4309, 110.1853

Square

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



15.5778, 27.4309, 6.3931



15.4131, 27.4309, 80.9715



40.4594, 27.4309, 82.2754



40.7724, 27.4309, 6.6348

Rectangle

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



15.5778, 27.4309, 6.3931



12.1588, 27.4309, 33.9688



40.4594, 27.4309, 82.2754



47.8714, 27.4309, 26.1105

Sweetspot

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



15.5784, 27.4321, 6.3937



47.2500, 58.4150, 43.4214



24.2947, 25.5803, 5.5769



10.1928, 12.9198, 8.9985



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.



15.5784, 27.4321, 6.3937



25.3116, 47.8551, 8.5212



15.1753, 27.1232, 10.9384



7.1128, 7.9606, 7.5418



10.6942, 20.6235, 3.4171



0.2589, 0.4510, 0.0734

Inverse Universe

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



17.8193, 9.4997, 35.5463



29.2681, 14.0675, 63.2288



19.7183, 10.7933, 21.4214



7.2238, 7.1298, 8.8985



12.3470, 5.7716, 27.3930



0.2930, 0.1386, 0.5772

Previews

White Background



This preview shows how the XYZ color 15.5778, 27.4309, 6.3931 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 15.5778, 27.4309, 6.3931 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 15.5778, 27.4309, 6.3931

Background



This preview shows how black text looks on a background with the XYZ color 15.5778, 27.4309, 6.3931.



This preview shows how white text looks on a background with the XYZ color 15.5778, 27.4309,

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

15.5778, 27.4309, 6.3931

Protanopia

24.4589, 26.9351, 5.4232

Deuteranopia

27.3930, 26.9141, 6.8831



Tritanopia

22.1455, 27.3105, 39.2262

Trichromacy



Original Color

15.5778, 27.4309, 6.3931

Protanomaly

19.6822, 26.3000, 5.7081

Deuteranomaly

20.7918, 25.6903, 6.5522

Tritanomaly

18.6116, 26.8582, 21.6560

Monochromacy



Original Color

15.5778, 27.4309, 6.3931

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

15.6550, 20.7188, 12.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5778, 27.4309, 6.3931 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(64, 163, 39)` looks like.

```
.text, #text, p{  
    color:rgb(64, 163, 39)  
}
```

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(64, 163, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 163, 39) }
```

Border

The CSS property to change the border of an element to XYZ 15.5778, 27.4309, 6.3931 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(64, 163, 39) }
```


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

```
.border{ border-color:rgb(64, 163, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 163, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 163, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 163, 39);  
box-shadow:4px 4px 4px 4px rgb(64, 163,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5778, 27.4309, 6.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 163, 39) }
```

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

```
.background{ background-color: rgb(64, 163,  
39) }
```

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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