

Converting Colors

XYZ(19.3749, 28.6110, 15.1473)

Have a look what the booklet for
XYZ(19.3749, 28.6110, 15.1473)
contains.

XYZ(19.3813, 28.6776, 15.1035)	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(19.3813, 28.6776,
15.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA15E
RGB	94, 161, 94
RGB Percent	37%, 63%, 37%
CMY	0.6314, 0.3686, 0.6314
CMYK	0.42, 0.00, 0.42, 0.37
HSL	120°, 26%, 50%
HSV	120°, 42%, 63%
XYZ	19.3813, 28.6776, 15.1035
YIQ	133.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

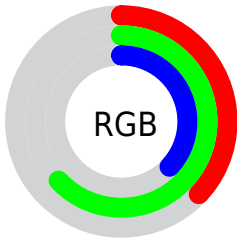
Format	Color
R_{YB}	94, 161, 161
Decimal	6201694
CIE _{Lab}	60.50, -35.43, 28.36
CIE _{LCh}	60, 45.380, 141.324
Yxy	28.6776, 0.3068, 0.4540
Android (android.graphics.Color)	4284391774 (0xFF5EA15E)
YUV	133.3290, -19.3892, -34.4915
Hunter-Lab	53.5515, -29.1125, 20.7641

Details

The XYZ color **19.3813, 28.6776, 15.1035** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.1345, 18.1561, 35.8987**, and the grayscale version is **22.4882, 23.6593, 25.7650**.

A 20% lighter version of the original color is **41.8794, 57.4520, 35.6701**, and **6.8762, 11.6060, 4.4625** is the 20% darker color. If you saturate the color by 10%, you get **17.2508, 27.6551, 11.6181**, and if you desaturate by 10%, it is **22.0084, 29.9404, 19.4000**.

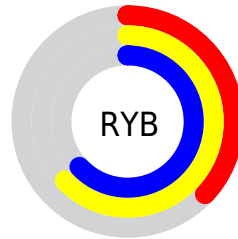
Distribution



Red (37%)

Green (63%)

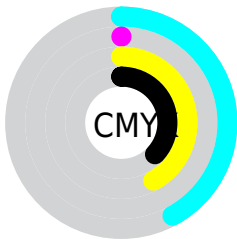
Blue (37%)



Red (37%)

Yellow (63%)

Blue (63%)

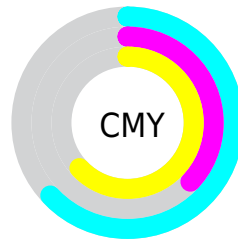


Cyan (42%)

Magenta (0%)

Yellow (42%)

Black (37%)



Cyan (63%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3813, 28.6776, 15.1035 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 19.3813, 28.6776, 15.1035 by changing the saturation by 10% instead.

■ 19.3813, 28.6776,
15.1035

■ 19.3813, 28.6776,
15.1035

241.4437,
295.6907, 235.6541

■ 12.0518, 18.8371,
8.7446

■ 41.8893, 57.5645,
35.7795

■ 6.8514, 11.5526,
4.4805

■ 57.7985, 77.3796,
50.9337

■ 3.4148, 6.4398,
1.8925

■ 77.2983, 101.2883,
69.8568

■ 1.3767, 3.1143,
0.4879

■ 100.7541,
129.6752, 92.9673

■ 0.2396, 1.1917,
0.0000

128.5311,
162.9244, 120.6838

■ 0.0000, 0.0549,
0.0000

160.9948,

■ 0.0000, 0.0000,

201.4205, 153.4247

0.0000

198.5105,
245.5478, 191.6086

■ 19.3813, 28.6776,
15.1035

■ 19.3813, 28.6776,
15.1035

■ 17.2508, 27.6551,
11.6181

■ 22.0084, 29.9404,
19.4000

■ 15.5836, 26.8542,
8.8911

■ 25.1582, 31.4534,
24.5521

■ 14.3460, 26.2597,
6.8666


■ 28.8577, 33.2304,
30.6032


■ 13.4985, 25.8527,
5.4805


■ 33.1313, 35.2833,
37.5933


■ 12.9948, 25.6107,
4.6564

■ 38.0020, 37.6229,
45.5601

 12.7455, 25.4910,
4.2486

 43.4915, 40.2598,
54.5391

 49.6205, 43.2039,
64.5639

 56.4086, 46.4646,
75.6669

 63.8747, 50.0509,
87.8788

Harmonies

Analogous

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



23.3661, 28.6776, 9.7955



19.3813, 28.6776, 15.1035



17.5767, 28.6776, 26.6109

Triad

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



19.3813, 28.6776, 15.1035



25.5945, 28.6776, 75.1543



39.1426, 28.6776, 20.9097

Complementary

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



19.3813, 28.6776, 15.1035



25.1345, 18.1561, 35.8987

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.



39.9651, 28.6776, 36.3439



19.3813, 28.6776, 15.1035



31.5579, 28.6776, 71.9019

Square

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



19.3813, 28.6776, 15.1035



20.8117, 28.6776, 63.7523



37.0212, 28.6776, 56.0085



34.9125, 28.6776, 12.2162

Rectangle

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



19.3813, 28.6776, 15.1035



17.6442, 28.6776, 37.9910



37.0212, 28.6776, 56.0085



39.8486, 28.6776, 25.3142

Sweetspot

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



19.3820, 28.6788, 15.1041



51.2467, 59.3024, 54.0977



29.4645, 33.8765, 15.5755



11.0556, 12.9177, 11.5642



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.3820, 28.6788, 15.1041



31.1249, 49.6368, 21.1849



21.2251, 29.4160, 24.8097



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3931



0.2139, 0.4278, 0.0713

Inverse Universe

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



25.1345, 18.1561, 35.8987



42.8493, 28.1899, 63.5674



22.5649, 17.1282, 22.3673



7.3643, 7.2022, 8.9050



16.8764, 8.1066, 27.6033



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 19.3813, 28.6776, 15.1035 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 19.3813, 28.6776, 15.1035 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 19.3813, 28.6776, 15.1035

Background



This preview shows how black text looks on a background with the XYZ color 19.3813, 28.6776, 15.1035.



This preview shows how white text looks on a background with the XYZ color 19.3813, 28.6776,

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

19.3813, 28.6776, 15.1035

Protanopia

26.1849, 28.3263, 13.3199

Deuteranopia

28.7183, 28.2503, 15.7436



Tritanopia

24.3671, 28.6872, 39.8502

Trichromacy



Original Color

19.3813, 28.6776, 15.1035

Protanomaly

22.9037, 28.0223, 13.8745

Deuteranomaly

24.0930, 27.6598, 15.3783

Tritanomaly

22.1422, 28.5246, 28.7649

Monochromacy



Original Color

19.3813, 28.6776, 15.1035

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

20.7600, 24.8988, 21.1645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3813, 28.6776, 15.1035 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(94, 161, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 94)  
}
```

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(94, 161, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 94) }
```

Border

The CSS property to change the border of an element to XYZ 19.3813, 28.6776, 15.1035 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(94, 161, 94) }
```


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

```
.border{ border-color:rgb(94, 161, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 161, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3813, 28.6776, 15.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 94) }
```

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

```
.background{ background-color: rgb(94, 161,  
94) }
```

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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