

Converting Colors

XYZ(19.2219, 17.1694, 55.2991)

Have a look what the booklet for
XYZ(19.2219, 17.1694, 55.2991)
contains.

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Color

**XYZ(19.1558, 17.1494,
55.1239)**

Conversions

Conversions Part 1

Format	Color
Hex	516FC5
RGB	81, 111, 197
RGB Percent	32%, 44%, 77%
CMY	0.6823, 0.5647, 0.2274
CMYK	0.59, 0.44, 0.00, 0.23
HSL	224°, 50%, 55%
HSV	224°, 59%, 77%
XYZ	19.1558, 17.1494, 55.1239
YIQ	111.8340, -45.4860, 20.3860

Conversions

Conversions Part 2

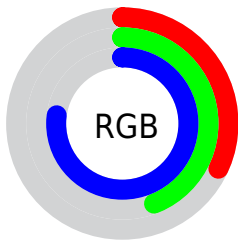
Format	Color
R _Y B	81, 105, 197
Decimal	5337029
CIE Lab	48.45, 15.36, -48.28
CIE LCh	48, 50.668, 287.645
Yxy	17.1494, 0.2095, 0.1876
Android (android.graphics.Color)	4283527109 (0xFF516FC5)
YUV	111.8340, 41.9868, -27.0414
Hunter-Lab	41.4118, 10.0977, -49.9335

Details

The XYZ color **19.1558, 17.1494, 55.1239** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **38.3312, 40.1039, 13.5063**, and the grayscale version is **15.2437, 16.0376, 17.4649**.

A 20% lighter version of the original color is **41.4572, 38.4854, 99.0093**, and **6.7913, 5.6500, 26.7192** is the 20% darker color. If you saturate the color by 10%, you get **16.2405, 13.4711, 54.5679**, and if you desaturate by 10%, it is **22.8227, 21.6024, 55.7905**.

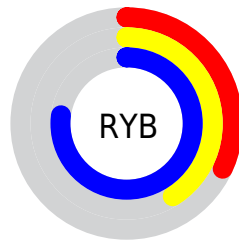
Distribution



Red (32%)

Green (44%)

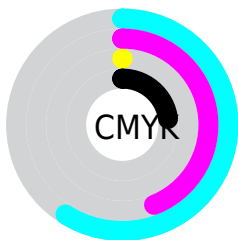
Blue (77%)



Red (32%)

Yellow (41%)

Blue (77%)

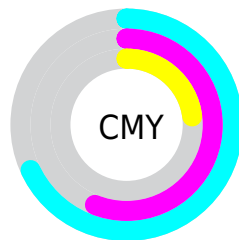


Cyan (59%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (68%)

Magenta (56%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1558, 17.1494, 55.1239 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 19.1558, 17.1494, 55.1239 by changing the saturation by 10% instead.

■ 19.1558, 17.1494,
55.1239

■ 19.1558, 17.1494,
55.1239

240.2292,
236.0319, 423.6766

■ 11.8876, 10.3411,
39.1017

■ 41.5120, 38.5825,
99.1954

■ 6.7388, 5.6257,
26.5304

■ 57.3308, 53.9760,
128.0818

■ 3.3442, 2.6188,
16.9915

■ 76.7304, 73.0000,
162.0933

■ 1.3383, 0.9361,
10.0666

■ 100.0762, 96.0390,
201.6485

■ 0.2116, 0.0000,
5.3369

127.7337,
123.4773, 247.1658

■ 0.0000, 0.0000,
2.3841

160.0681,

■ 0.0000, 0.0000,

155.6992, 299.0640

0.7778

197.4448,
193.0893, 357.7614

■ 0.0000, 0.0000,
0.0000

■ 19.1558, 17.1494,
55.1239

■ 19.1558, 17.1494,
55.1239

■ 16.2405, 13.4711,
54.5679

■ 22.8227, 21.6024,
55.7905

■ 14.0184, 10.5181,
54.1151

■ 27.2894, 26.8718,
56.5722

■ 12.4250, 8.2370,
53.7587

■ 32.6023, 32.9982,
57.4747

■ 11.3597, 6.5534,
53.4899

■ 38.8036, 40.0189,
58.5030

■ 11.2595, 6.3939,
53.4644

■ 45.9324, 47.9688,
59.6617

■ 54.0257, 56.8810,
60.9554

■ 63.1184, 66.7869,
62.3882

■ 73.2433, 77.7163,
63.9641

■ 83.2053, 89.0656,
65.6297

Harmonies

Analogous

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



14.4651, 17.1494, 56.3893



19.1558, 17.1494, 55.1239



23.8194, 17.1494, 41.7101

Triad

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



19.1558, 17.1494, 55.1239



23.0776, 17.1494, 5.4427



9.0476, 17.1494, 13.7233

Complementary

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



19.1558, 17.1494, 55.1239



38.3312, 40.1039, 13.5063

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.



10.5574, 17.1494, 6.2090



19.1558, 17.1494, 55.1239



18.2838, 17.1494, 3.1848

Square

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



19.1558, 17.1494, 55.1239



26.3623, 17.1494, 11.9508



13.7431, 17.1494, 3.3762



9.1923, 17.1494, 27.5352

Rectangle

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



19.1558, 17.1494, 55.1239



26.0185, 17.1494, 30.1703



13.7431, 17.1494, 3.3762



9.3644, 17.1494, 10.5451

Sweetspot

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



19.1565, 17.1500, 55.1243



70.2212, 72.4866, 104.8980



30.2495, 44.4381, 43.0925



14.2852, 14.6771, 22.3300



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



19.1565, 17.1500, 55.1243



27.6794, 22.2923, 97.4517



19.2140, 13.1096, 54.3414



10.2760, 10.7260, 13.4462



7.4640, 4.3218, 35.1852



0.4141, 0.3260, 1.6862

Inverse Universe

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



28.8383, 18.9038, 17.1681



47.1224, 27.5257, 20.8441



38.0154, 49.0658, 15.2527



10.7446, 10.6812, 11.6382



15.5668, 7.9763, 2.9286



0.7677, 0.3899, 0.2999

Previews

White Background



This preview shows how the XYZ color 19.1558, 17.1494, 55.1239 looks on a white background.

Color Contrast Check

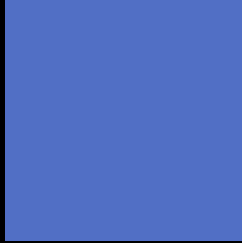
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.1558, 17.1494, 55.1239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

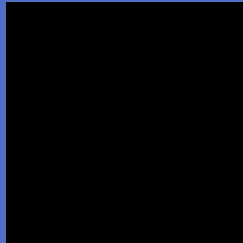
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1558, 17.1494, 55.1239

Background



This preview shows how black text looks on a background with the XYZ color 19.1558, 17.1494, 55.1239.



This preview shows how white text looks on a background with the XYZ color 19.1558, 17.1494,

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

19.1558, 17.1494, 55.1239

Protanopia

19.0478, 17.2433, 55.7505

Deuteranopia

17.7305, 17.2606, 54.6217



Tritanopia

13.2281, 17.2008, 25.5446

Trichromacy



Original Color

19.1558, 17.1494, 55.1239

Protanomaly

19.1291, 17.2853, 55.7543

Deuteranomaly

18.0955, 17.1101, 54.5734

Tritanomaly

15.0024, 16.9916, 34.8367

Monochromacy



Original Color

19.1558, 17.1494, 55.1239

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1189, 16.3382, 28.2906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1558, 17.1494, 55.1239 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(81, 111, 197)` looks like.

```
.text, #text, p{  
    color:rgb(81, 111, 197)  
}
```

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(81, 111, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 111, 197) }
```

Border

The CSS property to change the border of an element to XYZ 19.1558, 17.1494, 55.1239 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(81, 111, 197) }
```


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

```
.border{ border-color:rgb(81, 111, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 111, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(81, 111,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1558, 17.1494, 55.1239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 111, 197) }
```

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

```
.background{ background-color: rgb(81, 111,  
197) }
```

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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