

Converting Colors

XYZ(17.2899, 11.8645, 55.0913)

Have a look what the booklet for
XYZ(17.2899, 11.8645, 55.0913)
contains.

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Color

**XYZ(17.2055, 11.8428,
54.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4FC6
RGB	90, 79, 198
RGB Percent	35%, 31%, 78%
CMY	0.6470, 0.6902, 0.2235
CMYK	0.55, 0.60, 0.00, 0.22
HSL	246°, 51%, 54%
HSV	246°, 60%, 78%
XYZ	17.2055, 11.8428, 54.8051
YIQ	95.8550, -31.6430, 39.3410

Conversions

Conversions Part 2

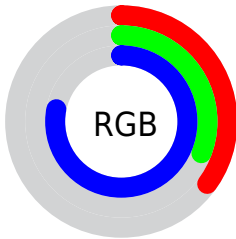
Format	Color
R_{YB}	90, 79, 198
Decimal	5918662
CIE _{Lab}	40.97, 37.30, -60.88
CIE _{LCh}	41, 71.397, 301.499
Yxy	11.8428, 0.2052, 0.1412
Android (android.graphics.Color)	4284108742 (0xFF5A4FC6)
YUV	95.8550, 50.3575, -5.1348
Hunter-Lab	34.4134, 29.0205, -70.3331

Details

The XYZ color **17.2055, 11.8428, 54.8051** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **42.0976, 51.5170, 15.1221**, and the grayscale version is **10.9711, 11.5425, 12.5698**.

A 20% lighter version of the original color is **38.1130, 29.2164, 98.2383**, and **5.7985, 3.2657, 26.3113** is the 20% darker color. If you saturate the color by 10%, you get **14.4426, 8.6049, 54.3260**, and if you desaturate by 10%, it is **20.8173, 16.1496, 55.4463**.

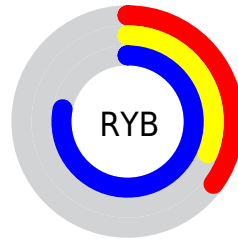
Distribution



Red (35%)

Green (31%)

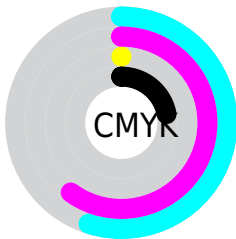
Blue (78%)



Red (35%)

Yellow (31%)

Blue (78%)

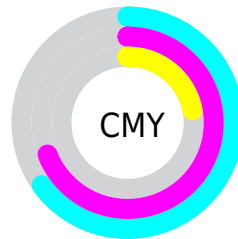


Cyan (55%)

Magenta (60%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (69%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2055, 11.8428, 54.8051 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 17.2055, 11.8428, 54.8051 by changing the saturation by 10% instead.

■ 17.2055, 11.8428,
54.8051

■ 17.2055, 11.8428,
54.8051

229.4871,
203.3618, 422.4338

■ 10.4773, 6.6367,
38.8482

■ 38.2196, 29.2085,
98.7236

■ 5.7813, 3.2360,
26.3347

■ 53.2362, 42.1369,
127.5223

■ 2.7519, 1.2561,
16.8462

■ 71.7463, 58.4081,
161.4386

■ 1.0240, 0.1069,
9.9641

■ 94.1153, 78.4067,
200.8911

■ 0.0000, 0.0000,
5.2699

■ 120.7085,
102.5170, 246.2983

■ 0.0000, 0.0000,
2.3450

151.8913,

■ 0.0000, 0.0000,

131.1233, 298.0788

0.7562

188.0290,
164.6101, 356.6511

■ 0.0000, 0.0000,
0.0000

■ 17.2055, 11.8428,
54.8051

■ 17.2055, 11.8428,
54.8051

■ 14.4426, 8.6049,
54.3260

■ 20.8173, 16.1496,
55.4463

■ 12.4568, 6.3408,
53.9937

■ 25.3383, 21.6072,
56.2615

■ 11.1673, 4.9404,
53.7913

■ 30.8254, 28.2906,
57.2623

■ 10.4484, 4.2089,
53.6880

■ 37.3303, 36.2682,
58.4593

■ 44.9010, 45.6034,
59.8621

■ 53.5825, 56.3552,
61.4799

■ 63.4171, 68.5795,
63.3211

■ 74.4450, 82.3288,
65.3937

■ 85.9985, 96.2414,
67.4702

Harmonies

Analogous

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



11.5151, 11.8428, 66.3837



17.2055, 11.8428, 54.8051



22.2783, 11.8428, 31.5065

Triad

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



17.2055, 11.8428, 54.8051



16.6219, 11.8428, 0.5513



4.0172, 11.8428, 13.6445

Complementary

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



17.2055, 11.8428, 54.8051



42.0976, 51.5170, 15.1221

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.



4.6443, 11.8428, 3.5925



17.2055, 11.8428, 54.8051



11.0013, 11.8428, 0.0000

Square

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



17.2055, 11.8428, 54.8051



21.8758, 11.8428, 3.0759



6.8658, 11.8428, 0.6818



4.7881, 11.8428, 33.8749

Rectangle

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



17.2055, 11.8428, 54.8051



24.0280, 11.8428, 17.5146



6.8658, 11.8428, 0.6818



4.0700, 11.8428, 9.1684

Sweetspot

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



17.2061, 11.8431, 54.8054



68.4158, 67.0678, 103.9472



31.4186, 41.7417, 59.8273



13.8525, 13.3819, 22.1028



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.



17.2061, 11.8431, 54.8054



24.3894, 13.8709, 95.9996



25.2774, 16.0040, 55.1831



10.1461, 10.3336, 13.3773



6.8273, 2.7539, 34.9161



0.3552, 0.1469, 1.6548

Inverse Universe

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



35.0538, 21.1854, 49.2522



58.9542, 31.9917, 83.9716



30.5956, 45.5874, 14.5838



11.0392, 10.7991, 13.1896



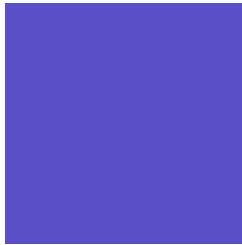
20.4989, 9.9491, 28.9010



0.9833, 0.4762, 1.4351

Previews

White Background



This preview shows how the XYZ color 17.2055, 11.8428, 54.8051 looks on a white background.

Color Contrast Check

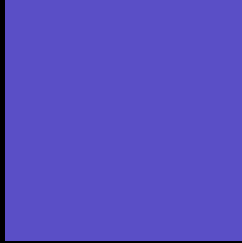
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2055, 11.8428, 54.8051 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 17.2055, 11.8428, 54.8051

Background



This preview shows how black text looks on a background with the XYZ color 17.2055, 11.8428, 54.8051.



This preview shows how white text looks on a background with the XYZ color 17.2055, 11.8428,

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

17.2055, 11.8428, 54.8051

Protanopia

13.9924, 11.8599, 54.3750

Deuteranopia

11.8125, 11.8640, 40.1955



Tritanopia

9.5830, 11.8089, 16.8132

Trichromacy



Original Color

17.2055, 11.8428, 54.8051

Protanomaly

14.1950, 11.3340, 54.2628

Deuteranomaly

12.7948, 11.3138, 45.2255

Tritanomaly

11.5592, 11.3282, 27.5639

Monochromacy



Original Color

17.2055, 11.8428, 54.8051

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.5059, 11.3855, 23.7288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2055, 11.8428, 54.8051 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(90, 79, 198)` looks like.

```
.text, #text, p{  
    color:rgb(90, 79, 198)  
}
```

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(90, 79, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 79, 198) }
```

Border

The CSS property to change the border of an element to XYZ 17.2055, 11.8428, 54.8051 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(90, 79, 198) }
```


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

```
.border{ border-color:rgb(90, 79, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 79, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 79, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 79, 198);  
box-shadow:4px 4px 4px 4px rgb(90, 79,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2055, 11.8428, 54.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 79, 198) }
```

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

```
.background{ background-color: rgb(90, 79,  
198) }
```

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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