

Converting Colors

XYZ(19.2077, 14.7177, 58.9552)

Have a look what the booklet for
XYZ(19.2077, 14.7177, 58.9552)
contains.

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Color

**XYZ(19.2077, 14.7177,
58.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5FCC
RGB	90, 95, 204
RGB Percent	35%, 37%, 80%
CMY	0.6470, 0.6274, 0.2000
CMYK	0.56, 0.53, 0.00, 0.20
HSL	237°, 53%, 58%
HSV	237°, 56%, 80%
XYZ	19.2077, 14.7177, 58.9552
YIQ	105.9310, -37.9690, 32.8390

Conversions

Conversions Part 2

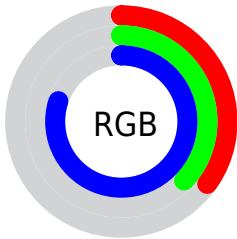
Format	Color
R_{YB}	90, 95, 204
Decimal	5922764
CIE _{Lab}	45.25, 29.43, -57.42
CIE _{LCh}	45, 64.518, 297.137
Yxy	14.7177, 0.2068, 0.1585
Android (android.graphics.Color)	4284112844 (0xFF5A5FCC)
YUV	105.9310, 48.3480, -13.9715
Hunter-Lab	38.3637, 22.2340, -64.2591

Details

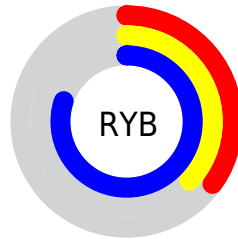
The XYZ color **19.2077, 14.7177, 58.9552** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **47.1722, 54.4247, 17.6928**, and the grayscale version is **13.5607, 14.2669, 15.5367**.

A 20% lighter version of the original color is **40.3881, 33.7667, 98.9967**, and **6.7726, 4.4951, 28.9445** is the 20% darker color. If you saturate the color by 10%, you get **15.9463, 10.7467, 58.3609**, and if you desaturate by 10%, it is **23.4547, 19.8500, 59.7223**.

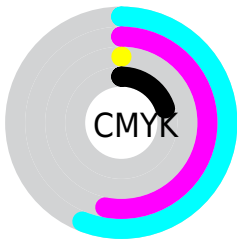
Distribution



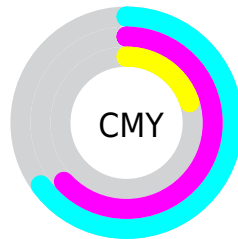
- Red (35%)
- Green (37%)
- Blue (80%)



- Red (35%)
- Yellow (37%)
- Blue (80%)



- Cyan (56%)
- Magenta (53%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2077, 14.7177, 58.9552 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 19.2077, 14.7177, 58.9552 by changing the saturation by 10% instead.

■ 19.2077, 14.7177,
58.9552

■ 19.2077, 14.7177,
58.9552

240.5092,
221.6511, 438.4331

■ 11.9253, 8.6215,
42.1573

■ 41.5989, 34.3572,
104.8410

■ 6.7647, 4.4951,
28.8980

■ 57.4385, 48.6692,
134.7660

■ 3.3604, 1.9542,
18.7587

■ 76.8612, 66.4887,
169.9038

■ 1.3471, 0.5807,
11.3210

■ 100.2324, 88.2000,
210.6729

■ 0.2181, 0.0000,
6.1663

127.9175,
114.1875, 257.4918

■ 0.0000, 0.0000,
2.8761

160.2817,

■ 0.0000, 0.0000,

144.8356, 310.7791

1.0317

197.6905,
180.5287, 370.9534

■ 0.0000, 0.0000,
0.0000

■ 19.2077, 14.7177,
58.9552

■ 19.2077, 14.7177,
58.9552

■ 15.9463, 10.7467,
58.3609

■ 23.4547, 19.8500,
59.7223

■ 13.5893, 7.8450,
57.9251

■ 28.7560, 26.2232,
60.6731

■ 12.0459, 5.9092,
57.6328

■ 35.1761, 33.9113,
61.8187

■ 11.2044, 4.8141,
57.4658

■ 42.7743, 42.9824,
63.1691

■ 10.9962, 4.5537,
57.4265

■ 51.6052, 53.4997,
64.7337

■ 61.7203, 65.5225,
66.5212

■ 73.1681, 79.1069,
68.5399

■ 85.9945, 94.3059,
70.7976

■ 87.8992, 97.1397,
71.2441

Harmonies

Analogous

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



13.4826, 14.7177, 66.9063



19.2077, 14.7177, 58.9552



24.4934, 14.7177, 37.8332

Triad

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



19.2077, 14.7177, 58.9552



20.3250, 14.7177, 1.8485



6.0420, 14.7177, 14.6020

Complementary

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



19.2077, 14.7177, 58.9552



47.1722, 54.4247, 17.6928

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.



7.0212, 14.7177, 4.7864



19.2077, 14.7177, 58.9552



14.5074, 14.7177, 0.9488

Square

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



19.2077, 14.7177, 58.9552



25.2453, 14.7177, 6.0142



9.8127, 14.7177, 1.5221



6.7025, 14.7177, 33.5034

Rectangle

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



19.2077, 14.7177, 58.9552



26.5595, 14.7177, 23.4944



9.8127, 14.7177, 1.5221



6.1829, 14.7177, 10.3348

Sweetspot

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



19.2084, 14.7182, 58.9556



69.0334, 69.0307, 104.2935



36.0377, 49.4510, 61.2538



14.2049, 14.0941, 22.2217



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.



19.2084, 14.7182, 58.9556



25.5154, 16.7034, 96.4870



25.5918, 17.3622, 59.1295



10.6405, 10.9215, 14.1176



6.9389, 2.9017, 36.1506



0.3721, 0.1779, 1.8697

Inverse Universe

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



30.6242, 20.9769, 13.2616



46.3379, 28.3903, 13.0799



36.5195, 50.6677, 17.5290



11.2319, 11.2215, 11.7559



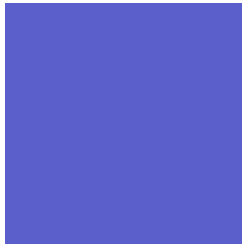
15.7133, 8.0959, 0.9431



0.8178, 0.4205, 0.0862

Previews

White Background



This preview shows how the XYZ color 19.2077, 14.7177, 58.9552 looks on a white background.

Color Contrast Check

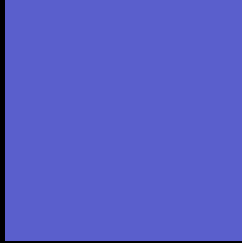
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2077, 14.7177, 58.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

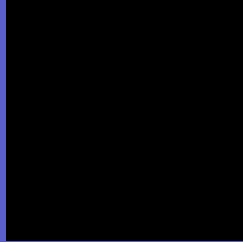
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2077, 14.7177, 58.9552

Background



This preview shows how black text looks on a background with the XYZ color 19.2077, 14.7177, 58.9552.



This preview shows how white text looks on a background with the XYZ color 19.2077, 14.7177,

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

19.2077, 14.7177, 58.9552

Protanopia

17.5202, 14.8447, 64.8927

Deuteranopia

14.8726, 14.6989, 51.3435



Tritanopia

11.6323, 14.6774, 21.2887

Trichromacy



Original Color

19.2077, 14.7177, 58.9552

Protanomaly

17.7114, 14.5518, 62.8480

Deuteranomaly

15.5413, 14.2095, 54.1481

Tritanomaly

13.7109, 14.3646, 32.1870

Monochromacy



Original Color

19.2077, 14.7177, 58.9552

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.8894, 14.1651, 27.5406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2077, 14.7177, 58.9552 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, 95, 204)` looks like.

```
.text, #text, p{  
    color:rgb(90, 95, 204)  
}
```

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, 95, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 95, 204) }
```

Border

The CSS property to change the border of an element to XYZ 19.2077, 14.7177, 58.9552 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, 95, 204) }
```


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

```
.border{ border-color:rgb(90, 95, 204) }
```

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

Here you see how a box with a 4 pixel rgb(90, 95, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 95, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 95, 204);  
box-shadow:4px 4px 4px 4px rgb(90, 95,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2077, 14.7177, 58.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 95, 204) }
```

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

```
.background{ background-color: rgb(90, 95,  
204) }
```

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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