

Converting Colors

XYZ(18.9482, 15.3375, 59.0887)

Have a look what the booklet for
XYZ(18.9482, 15.3375, 59.0887)
contains.

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Color

**XYZ(18.9359, 15.2678,
59.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	5264CC
RGB	82, 100, 204
RGB Percent	32%, 39%, 80%
CMY	0.6784, 0.6078, 0.2000
CMYK	0.60, 0.51, 0.00, 0.20
HSL	231°, 54%, 56%
HSV	231°, 60%, 80%
XYZ	18.9359, 15.2678, 59.0757
YIQ	106.4740, -44.1120, 28.5280

Conversions

Conversions Part 2

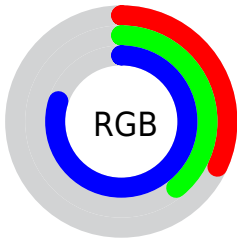
Format	Color
RYB	82, 98, 204
Decimal	5399756
CIELab	46.00, 24.79, -56.23
CIELCh	46, 61.449, 293.790
Yxy	15.2678, 0.2030, 0.1637
Android (android.graphics.Color)	4283589836 (0xFF5264CC)
YUV	106.4740, 48.0803, -21.4637
Hunter-Lab	39.0740, 18.1244, -62.2882

Details

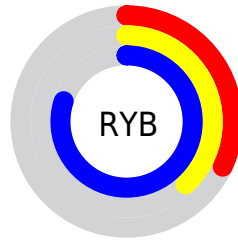
The XYZ color **18.9359, 15.2678, 59.0757** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **43.9853, 48.5669, 15.0399**, and the grayscale version is **13.7110, 14.4250, 15.7089**.

A 20% lighter version of the original color is **40.1011, 35.0159, 99.2529**, and **6.7440, 4.8083, 29.0064** is the 20% darker color. If you saturate the color by 10%, you get **15.9246, 11.4981, 58.5071**, and if you desaturate by 10%, it is **22.8318, 20.0223, 59.7884**.

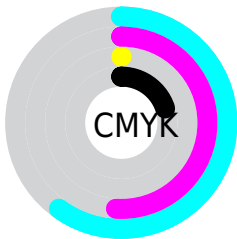
Distribution



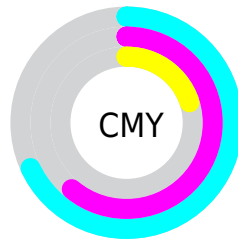
- Red (32%)
- Green (39%)
- Blue (80%)



- Red (32%)
- Yellow (38%)
- Blue (80%)



- Cyan (60%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (61%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9359, 15.2678, 59.0757 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 18.9359, 15.2678, 59.0757 by changing the saturation by 10% instead.

■ 18.9359, 15.2678,
59.0757

■ 18.9359, 15.2678,
59.0757

239.0396,
224.9815, 438.8921

■ 11.7277, 9.0076,
42.2536

■ 41.1435, 35.3223,
105.0179

■ 6.6294, 4.7461,
28.9729

■ 56.8735, 49.8853,
134.9751

■ 3.2757, 2.0991,
18.8149

■ 76.1750, 67.9848,
170.1478

■ 1.3012, 0.6641,
11.3612

■ 99.4131, 90.0050,
210.9545

■ 0.1841, 0.0000,
6.1931

126.9532,
116.3303, 257.8137

■ 0.0000, 0.0000,
2.8922

159.1608,

■ 0.0000, 0.0000,

147.3453, 311.1440

1.0398

196.4011,
183.4342, 371.3640

■ 0.0000, 0.0000,
0.0000

■ 18.9359, 15.2678,
59.0757

■ 18.9359, 15.2678,
59.0757

■ 15.9246, 11.4981,
58.5071

■ 22.8318, 20.0223,
59.7884

■ 13.7247, 8.6411,
58.0716

■ 27.6735, 25.8237,
60.6530

■ 12.2542, 6.6168,
57.7584

■ 33.5190, 32.7306,
61.6781

■ 11.3796, 5.3131,
57.5529

■ 40.4211, 40.7968,
62.8712

■ 11.3657, 5.2928,
57.5497

■ 48.4287, 50.0725,
64.2396

■ 57.5878, 60.6051,
65.7899

■ 67.9417, 72.4392,
67.5284

■ 79.5315, 85.6174,
69.4612

■ 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.



13.4555, 15.2678, 64.5159



18.9359, 15.2678, 59.0757



24.1799, 15.2678, 39.9626

Triad

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



18.9359, 15.2678, 59.0757



21.2649, 15.2678, 2.5624



6.6614, 15.2678, 13.7118

Complementary

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



18.9359, 15.2678, 59.0757



43.9853, 48.5669, 15.0399

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.



7.8404, 15.2678, 4.7882



18.9359, 15.2678, 59.0757



15.6215, 15.2678, 1.3081

Square

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



18.9359, 15.2678, 59.0757



25.7339, 15.2678, 7.5336



10.8364, 15.2678, 1.7703



7.1438, 15.2678, 31.0782

Rectangle

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



18.9359, 15.2678, 59.0757



26.4028, 15.2678, 25.9801



10.8364, 15.2678, 1.7703



6.8653, 15.2678, 9.8365

Sweetspot

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



18.9366, 15.2683, 59.0761



68.8955, 69.8353, 104.4561



33.9044, 48.5126, 53.8650



13.9672, 14.0412, 22.2240



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.



18.9366, 15.2683, 59.0761



25.0909, 17.4006, 96.6440



22.3312, 14.7329, 58.7938



10.7331, 11.1066, 14.1485



7.1960, 3.4159, 36.2363



0.4151, 0.2640, 1.8840

Inverse Universe

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



30.2200, 19.7930, 14.2845



45.7462, 26.7085, 14.4191



37.8752, 51.4038, 15.9095



11.2786, 11.2402, 12.0019



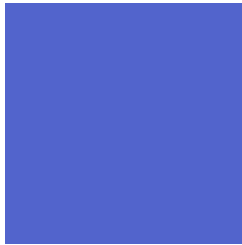
15.8431, 8.1478, 1.6265



0.8395, 0.4292, 0.2006

Previews

White Background



This preview shows how the XYZ color 18.9359, 15.2678, 59.0757 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 18.9359, 15.2678, 59.0757 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 18.9359, 15.2678, 59.0757

Background



This preview shows how black text looks on a background with the XYZ color 18.9359, 15.2678, 59.0757.



This preview shows how white text looks on a background with the XYZ color 18.9359, 15.2678,

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

18.9359, 15.2678, 59.0757

Protanopia

17.7791, 15.3350, 62.3445

Deuteranopia

15.5348, 15.3090, 53.7659



Tritanopia

11.5936, 15.1438, 22.7341

Trichromacy



Original Color

18.9359, 15.2678, 59.0757

Protanomaly

17.9762, 15.1661, 61.0114

Deuteranomaly

15.9862, 14.8686, 55.4535

Tritanomaly

13.5487, 14.7298, 33.5815

Monochromacy



Original Color

18.9359, 15.2678, 59.0757

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.7626, 14.3950, 27.5916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9359, 15.2678, 59.0757 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(82, 100, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 100, 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(82, 100, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 100, 204) }
```

Border

The CSS property to change the border of an element to XYZ 18.9359, 15.2678, 59.0757 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(82, 100, 204) }
```


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

```
.border{ border-color:rgb(82, 100, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 100, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 100, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 100, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 100,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9359, 15.2678, 59.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 100, 204) }
```

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

```
.background{ background-color: rgb(82, 100,  
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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