

Converting Colors

XYZ(18.0244, 8.3006, 57.1546)

Have a look what the booklet for
XYZ(18.0244, 8.3006, 57.1546)
contains.

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Color

**XYZ(18.0205, 8.2983,
57.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	730FCB
RGB	115, 15, 203
RGB Percent	45%, 6%, 80%
CMY	0.5490, 0.9412, 0.2039
CMYK	0.43, 0.93, 0.00, 0.20
HSL	272°, 86%, 43%
HSV	272°, 93%, 80%
XYZ	18.0205, 8.2983, 57.1519
YIQ	66.3320, -0.7480, 79.6680

Conversions

Conversions Part 2

Format	Color
R_{YB}	115, 15, 203
Decimal	7540683
CIE _{Lab}	34.60, 69.15, -74.10
CIE _{LCh}	35, 101.352, 313.023
Yxy	8.2983, 0.2159, 0.0994
Android (android.graphics.Color)	4285730763 (0xFF730FCB)
YUV	66.3320, 67.3773, 42.6818
Hunter-Lab	28.8068, 61.2515, -97.4651

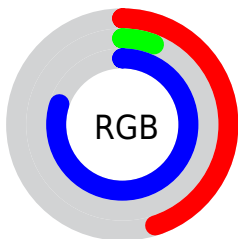
Details

The XYZ color **18.0205, 8.2983, 57.1519** is a dark color, and the websafe version is hex **6600CC**.

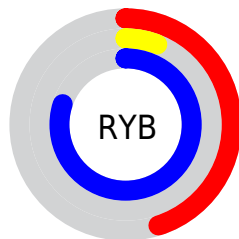
The color can be described as dark washed purple. A complement of this color would be **27.0354, 45.6299, 7.8345**, and the grayscale version is **5.1289, 5.3960, 5.8763**.

A 20% lighter version of the original color is **38.6716, 22.2188, 96.8582**, and **6.6317, 2.8104, 27.7967** is the 20% darker color. If you saturate the color by 10%, you get **16.9617, 7.4988, 57.0536**, and if you desaturate by 10%, it is **19.7748, 9.8544, 57.3600**.

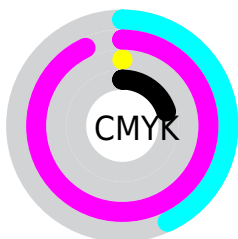
Distribution



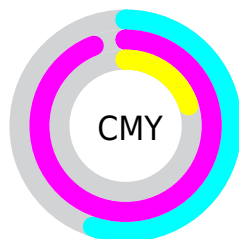
- Red (45%)
- Green (6%)
- Blue (80%)



- Red (45%)
- Yellow (6%)
- Blue (80%)



- Cyan (43%)
- Magenta (93%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (94%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0205, 8.2983, 57.1519 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 18.0205, 8.2983, 57.1519 by changing the saturation by 10% instead.

■ 18.0205, 8.2983,
57.1519

■ 18.0205, 8.2983,
57.1519

234.0299,
178.0534, 431.5279

■ 11.0645, 4.2864,
40.7170

■ 39.6021, 22.5412,
102.1893

■ 6.1778, 1.8350,
27.7800

■ 54.9583, 33.5410,
131.6290

■ 2.9952, 0.5089,
17.9223

■ 73.8454, 47.6388,
166.2406

■ 1.1512, 0.0000,
10.7254

■ 96.6286, 65.2192,
206.4428

■ 0.0673, 0.0000,
5.7706

■ 123.6733, 86.6664,
252.6541

■ 0.0000, 0.0000,
2.6396

■ 155.3448,

■ 0.0000, 0.0000,

112.3649, 305.2930

0.9128

192.0086,
142.6991, 364.7781

0.0000, 0.0000,
0.0000

18.0205, 8.2983,
57.1519

18.0205, 8.2983,
57.1519

16.9617, 7.4988,
57.0536

19.7748, 9.8544,
57.3600

22.0070, 12.1704,
57.6894

24.7731, 15.3521,
58.1577

28.1195, 19.4874,
58.7796

32.0873, 24.6534,
59.5676

■ 36.7132, 30.9186,
60.5331

■ 42.0307, 38.3459,
61.6864

■ 48.0712, 46.9931,
63.0371

■ 54.8636, 56.9141,
64.5941

Harmonies

Analogous

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



10.6338, 8.2983, 87.5539



18.0205, 8.2983, 57.1519



23.7717, 8.2983, 21.7030

Triad

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



18.0205, 8.2983, 57.1519



11.5534, 8.2983, 0.0000



1.2925, 8.2983, 18.1524

Complementary

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



18.0205, 8.2983, 57.1519



27.0354, 45.6299, 7.8345

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.



1.3522, 8.2983, 2.6067



18.0205, 8.2983, 57.1519



5.6597, 8.2983, 0.0000

Square

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



18.0205, 8.2983, 57.1519



18.9672, 8.2983, 0.0000



2.5121, 8.2983, 0.0000



2.2701, 8.2983, 52.0568

Rectangle

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



18.0205, 8.2983, 57.1519



24.7528, 8.2983, 7.4742



2.5121, 8.2983, 0.0000



1.2140, 8.2983, 10.8002

Sweetspot

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



18.0210, 8.2985, 57.1521



65.1032, 56.7984, 102.1396



16.1169, 14.6940, 58.4869



13.1340, 11.0481, 21.6902



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.



18.0210, 8.2985, 57.1521



28.1454, 12.4244, 95.5225



35.2093, 17.2021, 56.0268



11.1620, 11.1328, 14.1309



10.9004, 4.8269, 36.3134



0.6495, 0.2939, 1.8774

Inverse Universe

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



27.2476, 14.0174, 14.1007



44.5913, 22.6005, 19.5777



21.6633, 42.8577, 7.7086



11.4272, 11.2996, 12.7842



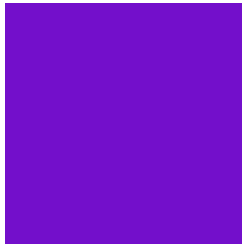
17.0337, 8.6241, 7.8963



0.9170, 0.4602, 0.6086

Previews

White Background



This preview shows how the XYZ color 18.0205, 8.2983, 57.1519 looks on a white background.

Color Contrast Check

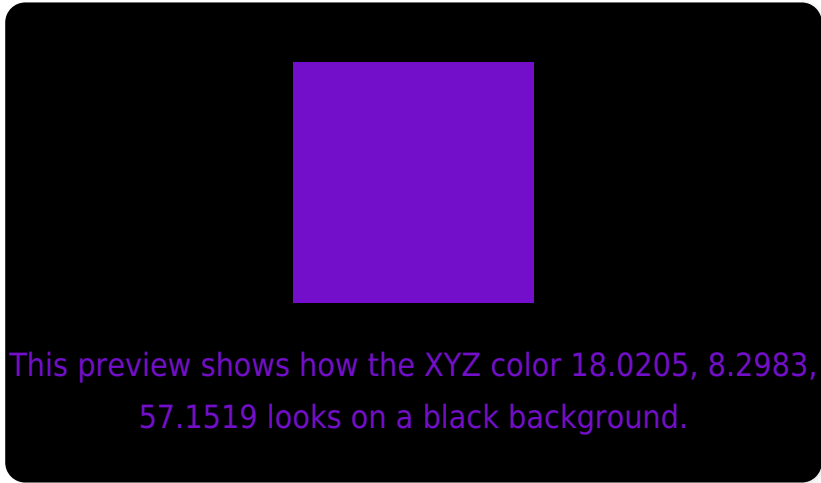
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

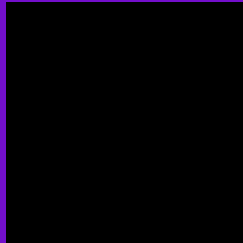
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0205, 8.2983, 57.1519

Background



This preview shows how black text looks on a background with the XYZ color 18.0205, 8.2983, 57.1519.



This preview shows how white text looks on a background with the XYZ color 18.0205, 8.2983,

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

18.0205, 8.2983, 57.1519

Protanopia

9.9365, 8.5645, 38.1752

Deuteranopia

8.2825, 8.5106, 27.5917



Tritanopia

8.5729, 8.4839, 9.9898

Trichromacy



Original Color

18.0205, 8.2983, 57.1519



Protanomaly

10.7095, 6.6568, 44.4365



Deuteranomaly

9.3622, 6.4406, 36.3470



Tritanomaly

10.4136, 7.0100, 21.5731

Monochromacy



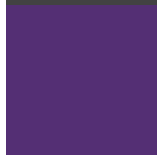
Original Color

18.0205, 8.2983, 57.1519



Achromatopsia

5.1784, 5.4480, 5.9329



Achromatomaly

7.8251, 5.1788, 17.1102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0205, 8.2983, 57.1519 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(115, 15, 203)` looks like.

```
.text, #text, p{  
    color:rgb(115, 15, 203)  
}
```

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(115, 15, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 15, 203) }
```

Border

The CSS property to change the border of an element to XYZ 18.0205, 8.2983, 57.1519 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(115, 15, 203) }
```


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

```
.border{ border-color:rgb(115, 15, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 15, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 15, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 15, 203);  
box-shadow:4px 4px 4px 4px rgb(115, 15,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0205, 8.2983, 57.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 15, 203) }
```

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

```
.background{ background-color: rgb(115, 15,  
203) }
```

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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