

Converting Colors

XYZ(19.2518, 8.6300, 59.3945)

Have a look what the booklet for
XYZ(19.2518, 8.6300, 59.3945)
contains.

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Color

**XYZ(19.2885, 8.6426,
59.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	7A00CF
RGB	122, 0, 207
RGB Percent	48%, 0%, 81%
CMY	0.5216, 1.0000, 0.1882
CMYK	0.41, 1.00, 0.00, 0.19
HSL	275°, 100%, 41%
HSV	275°, 100%, 81%
XYZ	19.2885, 8.6426, 59.6830
YIQ	60.0760, 6.2650, 90.2410

Conversions

Conversions Part 2

Format	Color
R_{YB}	122, 0, 207
Decimal	7995599
CIE _{Lab}	35.29, 72.76, -75.25
CIE _{LCh}	35, 104.678, 314.036
Yxy	8.6426, 0.2202, 0.0986
Android (android.graphics.Color)	4286185679 (0xFF7A00CF)
YUV	60.0760, 72.4335, 54.3073
Hunter-Lab	29.3983, 65.6685, -99.7889

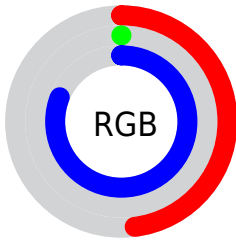
Details

The XYZ color **19.2885, 8.6426, 59.6830** is a dark color, and the websafe version is hex **6600CC**.

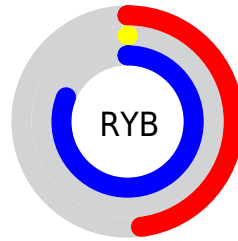
The color can be described as dark washed purple. A complement of this color would be **26.0589, 46.5569, 7.6129**, and the grayscale version is **4.2079, 4.4270, 4.8211**.

A 20% lighter version of the original color is **39.9953, 22.4728, 96.8374**, and **7.3895, 3.1642, 29.4994** is the 20% darker color. If you saturate the color by 10%, you get **19.2890, 8.6428, 59.6832**, and if you desaturate by 10%, it is **20.8085, 9.8161, 59.8296**.

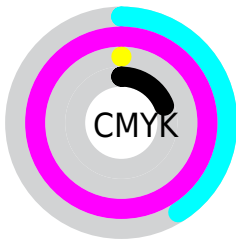
Distribution



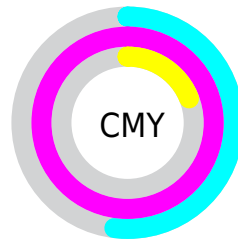
- Red (48%)
- Green (0%)
- Blue (81%)



- Red (48%)
- Yellow (0%)
- Blue (81%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2885, 8.6426, 59.6830 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 19.2885, 8.6426, 59.6830 by changing the saturation by 10% instead.

■ 19.2885, 8.6426,
59.6830

■ 19.2885, 8.6426,
59.6830

240.9445,
180.6889, 441.2005

■ 11.9842, 4.5088,
42.7395

■ 41.7341, 23.2089,
105.9085

■ 6.8050, 1.9621,
29.3509

■ 57.6062, 34.4102,
136.0277

■ 3.3857, 0.5853,
19.0986

■ 77.0648, 48.7361,
171.3759

■ 1.3609, 0.0000,
11.5640

■ 100.4754, 66.5710,
212.3716

■ 0.2281, 0.0000,
6.3286

■ 128.2033, 88.2994,
259.4334


■ 0.0000, 0.0000,
2.9739

■ 160.6139,

■ 0.0000, 0.0000,

114.3055, 312.9797

1.0813

 198.0725,
144.9739, 373.4293

 0.0000, 0.0000,
0.0000


 19.2885, 8.6426,
59.6830


 19.2885, 8.6426,
59.6830


 19.2890, 8.6428,
59.6832

 20.8085, 9.8161,
59.8296

 22.7173, 11.6079,
60.0749

 25.1135, 14.2108,
60.4510

 28.0512, 17.7291,
60.9752

 31.5763, 22.2514,
61.6623

■ 35.7292, 27.8550,
62.5251

■ 40.5465, 34.6098,
63.5750

■ 46.0616, 42.5797,
64.8226

■ 52.3057, 51.8235,
66.2778

Harmonies

Analogous

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



11.3820, 8.6426, 93.3212



19.2885, 8.6426, 59.6830



25.3163, 8.6426, 21.9196

Triad

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



19.2885, 8.6426, 59.6830



11.8602, 8.6426, 0.0000



1.2980, 8.6426, 20.0650

Complementary

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



19.2885, 8.6426, 59.6830



26.0589, 46.5569, 7.6129

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.



1.3279, 8.6426, 2.8865



19.2885, 8.6426, 59.6830



5.6970, 8.6426, 0.0000

Square

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



19.2885, 8.6426, 59.6830



19.7834, 8.6426, 0.0000



2.4801, 8.6426, 0.0000



2.3572, 8.6426, 56.9985

Rectangle

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



19.2885, 8.6426, 59.6830



26.2186, 8.6426, 7.2489



2.4801, 8.6426, 0.0000



1.2068, 8.6426, 11.9636

Sweetspot

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



19.2890, 8.6428, 59.6832



64.6830, 55.0417, 101.8227



14.6103, 11.2006, 60.4235



13.1147, 10.7490, 21.6335



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.



19.2890, 8.6428, 59.6832



30.6818, 13.7319, 95.6412



34.9992, 16.9722, 50.0035



11.8219, 11.7570, 14.8899



12.2627, 5.5019, 37.6082



0.7746, 0.3535, 2.1070

Inverse Universe

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



27.3718, 13.9213, 9.8381



43.7747, 22.2739, 15.2777



22.4160, 44.6670, 7.9808



12.0071, 11.8876, 13.3132



17.2899, 8.7888, 6.4326



1.0057, 0.5070, 0.5651

Previews

White Background



This preview shows how the XYZ color 19.2885, 8.6426, 59.6830 looks on a white background.

Color Contrast Check

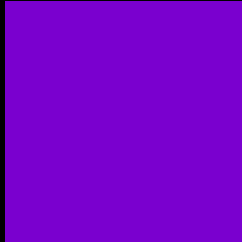
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 19.2885, 8.6426, 59.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

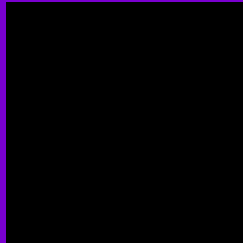
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2885, 8.6426, 59.6830

Background



This preview shows how black text looks on a background with the XYZ color 19.2885, 8.6426, 59.6830.



This preview shows how white text looks on a background with the XYZ color 19.2885, 8.6426,

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

19.2885, 8.6426, 59.6830

Protanopia

10.5601, 9.0517, 40.7257

Tritanopia

9.4866, 9.0598, 10.2655

Trichromacy



Original Color

19.2885, 8.6426, 59.6830

Protanomaly

11.0237, 6.4942, 46.5714

Tritanomaly

11.1504, 7.0979, 22.2551

Monochromacy



Original Color

19.2885, 8.6426, 59.6830

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

7.2410, 4.4175, 16.0938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2885, 8.6426, 59.6830 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(122, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 207)  
}
```

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(122, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 207) }
```

Border

The CSS property to change the border of an element to XYZ 19.2885, 8.6426, 59.6830 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(122, 0, 207) }
```

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

```
.border{ border-color:rgb(122, 0, 207) }
```

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

Here you see how a box with a 4 pixel rgb(122, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(122, 0,  
207) }
```


Background

The CSS property to change the background color of an element to XYZ 19.2885, 8.6426, 59.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 207) }
```

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

```
.background{ background-color: rgb(122, 0,  
207) }
```

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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