

Converting Colors

XYZ(19.2057, 8.4193, 67.8379)

Have a look what the booklet for
XYZ(19.2057, 8.4193, 67.8379)
contains.

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Color

**XYZ(19.2166, 8.4295,
67.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	6E00DB
RGB	110, 0, 219
RGB Percent	43%, 0%, 86%
CMY	0.5686, 1.0000, 0.1412
CMYK	0.50, 1.00, 0.00, 0.14
HSL	270°, 100%, 43%
HSV	270°, 100%, 86%
XYZ	19.2166, 8.4295, 67.6321
YIQ	57.8560, -4.7390, 91.4290

Conversions

Conversions Part 2

Format	Color
R_{YB}	110, 0, 219
Decimal	7209179
CIE _{Lab}	34.86, 74.23, -82.95
CIE _{LCh}	35, 111.315, 311.823
Yxy	8.4295, 0.2017, 0.0885
Android (android.graphics.Color)	4285399259 (0xFF6E00DB)
YUV	57.8560, 79.4440, 45.7303
Hunter-Lab	29.0336, 67.3358, -117.7891

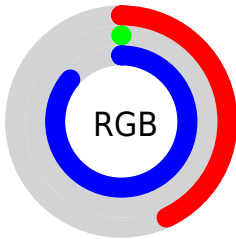
Details

The XYZ color **19.2166, 8.4295, 67.6321** is a dark color, and the websafe version is hex **6600CC**.

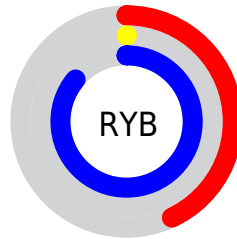
The color can be described as dark washed purple. A complement of this color would be **31.6377, 53.9142, 8.7390**, and the grayscale version is **3.9010, 4.1042, 4.4695**.

A 20% lighter version of the original color is **37.6477, 21.1595, 96.7077**, and **7.3209, 3.0207, 34.3796** is the 20% darker color. If you saturate the color by 10%, you get **19.2173, 8.4298, 67.6324**, and if you desaturate by 10%, it is **20.9430, 9.7425, 67.7948**.

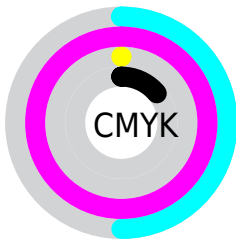
Distribution



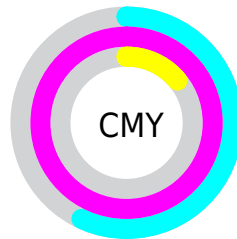
- Red (43%)
- Green (0%)
- Blue (86%)



- Red (43%)
- Yellow (0%)
- Blue (86%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (57%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2166, 8.4295, 67.6321 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 19.2166, 8.4295, 67.6321 by changing the saturation by 10% instead.

■ 19.2166, 8.4295,
67.6321

■ 19.2166, 8.4295,
67.6321

240.5571,
179.0630, 470.7540

■ 11.9318, 4.3710,
49.1337

■ 41.6138, 22.7962,
117.4749

■ 6.7691, 1.8832,
34.3592

■ 57.4570, 33.8732,
149.6564

■ 3.3632, 0.5382,
22.8901

■ 76.8837, 48.0585,
187.2359

■ 1.3486, 0.0000,
14.3078

■ 100.2592, 65.7365,
230.6321

■ 0.2192, 0.0000,
8.1939

■ 127.9490, 87.2915,
280.2635


■ 0.0000, 0.0000,
4.1297


■ 160.3183,


■ 0.0000, 0.0000,


113.1080, 336.5486


1.6968


 197.7326,
143.5704, 399.9059

 0.0000, 0.0000,
0.3585


 0.0000, 0.0000,
0.0000


 19.2166, 8.4295,
67.6321


 19.2166, 8.4295,
67.6321

 19.2173, 8.4298,
67.6324

 20.9430, 9.7425,
67.7948

 23.1646, 11.7907,
68.0730

 25.9934, 14.7892,
68.5027

 29.4942, 18.8596,
69.1039

■ 33.7222, 24.1049,
69.8935

■ 38.7260, 30.6154,
70.8864

■ 44.5498, 38.4723,
72.0960

■ 51.2339, 47.7500,
73.5345

■ 58.8161, 58.5171,
75.2131

Harmonies

Analogous

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



10.7817, 8.4295, 103.4963



19.2166, 8.4295, 67.6321



26.1003, 8.4295, 24.9690

Triad

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



19.2166, 8.4295, 67.6321



12.4540, 8.4295, 0.0000



1.0198, 8.4295, 18.3636

Complementary

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



19.2166, 8.4295, 67.6321



31.6377, 53.9142, 8.7390

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.



1.1110, 8.4295, 2.0226



19.2166, 8.4295, 67.6321



5.7626, 8.4295, 0.0000

Square

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



19.2166, 8.4295, 67.6321



20.9819, 8.4295, 0.0000



2.3183, 8.4295, 0.0000



1.9245, 8.4295, 57.7804

Rectangle

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



19.2166, 8.4295, 67.6321



27.4476, 8.4295, 8.1106



2.3183, 8.4295, 0.0000



0.9572, 8.4295, 10.3358

Sweetspot

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



19.2173, 8.4298, 67.6324



62.6634, 54.0006, 101.7282



18.3084, 16.1588, 69.1721



12.6360, 10.5023, 21.6111



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.



19.2173, 8.4298, 67.6324



26.9653, 11.8160, 95.4672



41.9998, 20.1746, 68.6986



12.9588, 12.9369, 16.4662



11.5214, 5.0637, 40.1085



0.8458, 0.3793, 2.6031

Inverse Universe

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



31.9736, 16.1642, 15.9015



45.0651, 22.7900, 22.0725



25.3316, 50.6632, 8.4439



13.3249, 13.1591, 14.9723



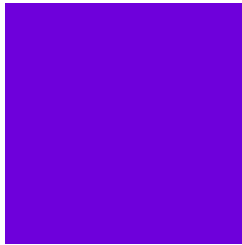
19.0140, 9.6066, 9.7198



1.2753, 0.6398, 0.8587

Previews

White Background



This preview shows how the XYZ color 19.2166, 8.4295, 67.6321 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 19.2166, 8.4295, 67.6321

Background



This preview shows how black text looks on a background with the XYZ color 19.2166, 8.4295, 67.6321.



This preview shows how white text looks on a background with the XYZ color 19.2166, 8.4295,

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

19.2166, 8.4295, 67.6321

Protanopia

10.1981, 8.7871, 39.1888

Deuteranopia

8.4386, 8.6999, 28.0226



Tritanopia

8.0819, 8.7656, 11.3912

Trichromacy



Original Color

19.2166, 8.4295, 67.6321

Protanomaly

11.1802, 6.5379, 48.2496

Deuteranomaly

9.6877, 6.1621, 39.7085

Tritanomaly

9.9311, 6.5480, 24.7852

Monochromacy



Original Color

19.2166, 8.4295, 67.6321

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.9330, 4.1853, 17.2720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2166, 8.4295, 67.6321 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(110, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(110, 0, 219)  
}
```

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(110, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 0, 219) }
```

Border

The CSS property to change the border of an element to XYZ 19.2166, 8.4295, 67.6321 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(110, 0, 219) }
```


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

```
.border{ border-color:rgb(110, 0, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 0, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(110, 0,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2166, 8.4295, 67.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 0, 219) }
```

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

```
.background{ background-color: rgb(110, 0,  
219) }
```

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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