

Converting Colors

$Y_{xy}(11.0065, 0.1961, 0.1080)$

Have a look what the booklet for
Yxy(11.0065, 0.1961, 0.1080)
contains.

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Color

Yxy(11.0065, 0.1961, 0.1080)

Conversions

Conversions Part 1

Format	Color
Hex	633ADF
RGB	99, 58, 223
RGB Percent	39%, 23%, 87%
CMY	0.6117, 0.7727, 0.1253
CMYK	0.56, 0.74, 0.00, 0.13
HSL	255°, 72%, 55%
HSV	255°, 74%, 87%
XYZ	19.9850, 11.0065, 70.9206
YIQ	89.0690, -28.5290, 60.0070

Conversions

Conversions Part 2

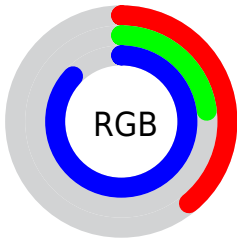
Format	Color
R_{YB}	99, 58, 223
Decimal	6503135
CIE _{Lab}	39.59, 57.70, -77.52
CIE _{LCh}	40, 96.638, 306.662
Yxy	11.0065, 0.1961, 0.1080
Android (android.graphics.Color)	4284693215 (0xFF633ADF)
YUV	89.0690, 66.0280, 8.7095
Hunter-Lab	33.1760, 49.4687, -103.5213

Details

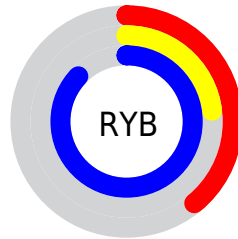
The Yxy color **11.0065, 0.1961, 0.1080** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **63.0532, 0.3770, 0.5117**, and the grayscale version is **9.8601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.7343, 0.2366, 0.1593**, and **2.8723, 0.1538, 0.0621** is the 20% darker color. If you saturate the color by 10%, you get **8.3774, 0.1811, 0.0869**, and if you desaturate by 10%, it is **14.8051, 0.2133, 0.1350**.

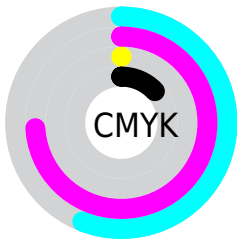
Distribution



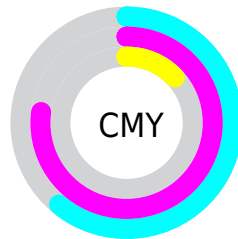
- Red (39%)
- Green (23%)
- Blue (87%)



- Red (39%)
- Yellow (23%)
- Blue (87%)



- Cyan (56%)
- Magenta (74%)
- Yellow (0%)
- Black (13%)




- Cyan (61%)
- Magenta (77%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0065, 0.1961, 0.1080 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 Yxy color 11.0065, 0.1961, 0.1080 by changing the saturation by 10% instead.


 11.0065, 0.1961,
0.1080


 11.0065, 0.1961,
0.1080


 197.7121, 0.2645,
0.2137


 6.0712, 0.1775,
0.0863


 27.6722, 0.2225,
0.1435


 2.8884, 0.1538,
0.0621


 40.1714, 0.2321,
0.1579

 1.0738, 0.1236,
0.0368

 55.9606, 0.2399,
0.1704

 0.0000, 0.0873,
0.0000

 75.4244, 0.2465,
0.1813

 0.0000, 0.0336,
0.0000

 98.9470, 0.2521,
0.1909

 0.0000, 0.0000,
0.0000

 126.9129, 0.2568,

0.1994

159.7065, 0.2609,
0.2070

■ 11.0065, 0.1961,
0.1080

■ 11.0065, 0.1961,
0.1080

■ 8.3774, 0.1811,
0.0869

■ 14.8051, 0.2133,
0.1350

■ 6.7687, 0.1691,
0.0729

■ 19.8953, 0.2314,
0.1660

■ 6.1563, 0.1634,
0.0674

■ 26.3843, 0.2494,
0.1989

■ 34.3678, 0.2665,
0.2318

■ 43.9328, 0.2822,
0.2633

■ 55.1595, 0.2961,
0.2925

■ 68.1227, 0.3083,
0.3191

■ 82.8925, 0.3188,
0.3429

■ 97.1454, 0.3282,
0.3604

Harmonies

Analogous

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



11.0065, 0.1008, 0.0924



11.0065, 0.1961, 0.1080



11.0065, 0.3804, 0.1555

Triad

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



11.0065, 0.1961, 0.1080



11.0065, 0.5972, 0.4028



11.0065, 0.0752, 0.3674

Complementary

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



11.0065, 0.1961, 0.1080



63.0532, 0.3770, 0.5117

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.



11.0065, 0.1611, 0.6788



11.0065, 0.1961, 0.1080



11.0065, 0.4515, 0.5485

Square

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



11.0065, 0.1961, 0.1080



11.0065, 0.6737, 0.3058



11.0065, 0.2937, 0.7063



11.0065, 0.0510, 0.1733

Rectangle

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



11.0065, 0.1961, 0.1080



11.0065, 0.5336, 0.2035



11.0065, 0.2937, 0.7063



11.0065, 0.0960, 0.4738

Sweetspot

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



11.0068, 0.1961, 0.1080



62.1450, 0.2849, 0.2689



40.7314, 0.2168, 0.2733



12.4728, 0.2809, 0.2606



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.0068, 0.1961, 0.1080



9.9606, 0.1739, 0.0781



17.9400, 0.2720, 0.1459



13.4071, 0.3019, 0.3050



3.6628, 0.1646, 0.0681



0.2957, 0.1803, 0.0767

Inverse Universe

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



22.0958, 0.3710, 0.2029



26.1958, 0.3869, 0.1952



55.9329, 0.3211, 0.5503



13.8743, 0.3176, 0.3116



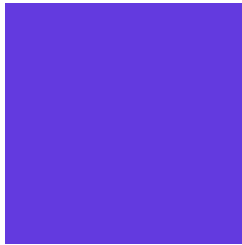
10.8954, 0.3955, 0.1952



0.7692, 0.3815, 0.1876

Previews

White Background



This preview shows how the Yxy color 11.0065, 0.1961, 0.1080 looks on a white background.

Color Contrast Check

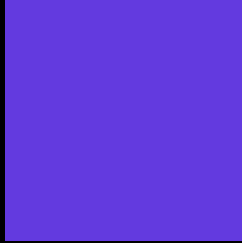
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 11.0065, 0.1961, 0.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

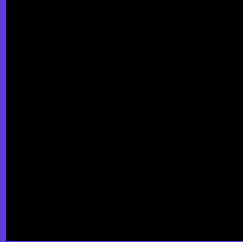
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0065, 0.1961, 0.1080

Background



This preview shows how black text looks on a background with the Yxy color 11.0065, 0.1961, 0.1080.



This preview shows how white text looks on a background with the Yxy color 11.0065, 0.1961, 0.1080.

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

11.0065, 0.1961, 0.1080

Protanopia

10.9865, 0.1749, 0.1496

Deuteranopia

10.9744, 0.1864, 0.1911



Tritanopia

10.8551, 0.2501, 0.3084

Trichromacy



Original Color

11.0065, 0.1961, 0.1080



Protanomaly

10.0409, 0.1739, 0.1247



Deuteranomaly

9.8703, 0.1800, 0.1433



Tritanomaly

9.8883, 0.2213, 0.1943

Monochromacy



Original Color

11.0065, 0.1961, 0.1080



Achromatopsia

9.9899, 0.3127, 0.3290



Achromatomaly

9.6109, 0.2532, 0.2057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0065, 0.1961, 0.1080 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(99, 58, 223)` looks like.

```
.text, #text, p{  
  color:rgb(99, 58, 223)  
}
```

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(99, 58, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 58, 223) }
```

Border

The CSS property to change the border of an element to Yxy 11.0065, 0.1961, 0.1080 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(99, 58, 223) }
```

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

```
.border{ border-color:rgb(99, 58, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 58, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 58, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 58, 223);  
box-shadow:4px 4px 4px 4px rgb(99, 58,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0065, 0.1961, 0.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 58, 223) }
```

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

```
.background{ background-color: rgb(99, 58,  
223) }
```

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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