

Converting Colors

$Y_{xy}(11.2255, 0.2247, 0.1290)$

Have a look what the booklet for
Yxy(11.2255, 0.2247, 0.1290)
contains.

Yxy(11.1965, 0.2246, 0.1285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.1965, 0.2246, 0.1285)

Conversions

Conversions Part 1

Format	Color
Hex	763BC9
RGB	118, 59, 201
RGB Percent	46%, 23%, 79%
CMY	0.5374, 0.7684, 0.2119
CMYK	0.41, 0.71, 0.00, 0.21
HSL	265°, 57%, 51%
HSV	265°, 71%, 79%
XYZ	19.5699, 11.1965, 56.3659
YIQ	92.8290, -10.4180, 56.6700

Conversions

Conversions Part 2

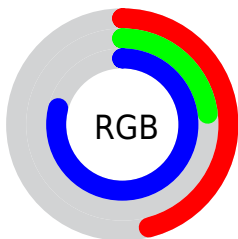
Format	Color
R_{YB}	118, 59, 201
Decimal	7748553
CIE _{Lab}	39.91, 54.26, -64.19
CIE _{LCh}	40, 84.052, 310.206
Yxy	11.1965, 0.2246, 0.1285
Android (android.graphics.Color)	4285938633 (0xFF763BC9)
YUV	92.8290, 53.3283, 22.0750
Hunter-Lab	33.4612, 45.8395, -76.4521

Details

The Yxy color **11.1965, 0.2246, 0.1285** 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 **47.8284, 0.3557, 0.5181**, and the grayscale version is **10.7828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8190, 0.2490, 0.1663**, and **3.0051, 0.1869, 0.0803** is the 20% darker color. If you saturate the color by 10%, you get **8.7399, 0.2102, 0.1066**, and if you desaturate by 10%, it is **14.5513, 0.2396, 0.1549**.

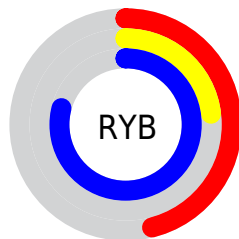
Distribution



Red (46%)

Green (23%)

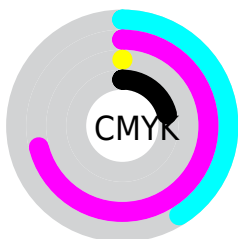
Blue (79%)



Red (46%)

Yellow (23%)

Blue (79%)

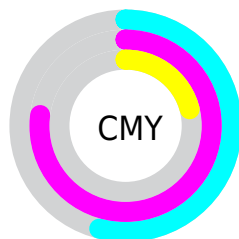


Cyan (41%)

Magenta (71%)

Yellow (0%)

Black (21%)



Cyan (54%)


Magenta (77%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1965, 0.2246, 0.1285 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 11.1965, 0.2246, 0.1285 by changing the saturation by 10% instead.


 11.1965, 0.2246,
0.1285


 11.1965, 0.2246,
0.1285


 199.0107, 0.2787,
0.2288


 6.1992, 0.2084,
0.1060


 28.0230, 0.2464,
0.1636


 2.9666, 0.1867,
0.0797


 40.6209, 0.2540,
0.1773


 1.1143, 0.1569,
0.0503

 56.5211, 0.2602,
0.1891

 0.0000, 0.1186,
0.0000

 76.1080, 0.2652,
0.1992

 0.0000, 0.0448,
0.0000

 99.7661, 0.2694,
0.2081

 0.0000, 0.0000,
0.0000

 127.8796, 0.2730,

0.2158

160.8330, 0.2761,
0.2227

■ 11.1965, 0.2246,
0.1285

■ 11.1965, 0.2246,
0.1285

■ 8.7399, 0.2102,
0.1066

■ 14.5513, 0.2396,
0.1549

■ 7.0798, 0.1971,
0.0904

■ 18.8884, 0.2546,
0.1843

■ 6.0737, 0.1864,
0.0800

■ 24.2832, 0.2687,
0.2150

■ 30.8030, 0.2817,
0.2455

■ 38.5095, 0.2933,
0.2749

■ 47.4600, 0.3035,
0.3023

■ 57.7076, 0.3122,
0.3275

■ 69.3026, 0.3197,
0.3503

■ 82.2924, 0.3259,
0.3708

Harmonies

Analogous

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



11.1965, 0.1247, 0.1096



11.1965, 0.2246, 0.1285



11.1965, 0.3982, 0.1788

Triad

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



11.1965, 0.2246, 0.1285



11.1965, 0.5706, 0.4294



11.1965, 0.0914, 0.3396

Complementary

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



11.1965, 0.2246, 0.1285



47.8284, 0.3557, 0.5181

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.



11.1965, 0.1727, 0.5991



11.1965, 0.2246, 0.1285



11.1965, 0.4398, 0.5602

Square

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



11.1965, 0.2246, 0.1285



11.1965, 0.6389, 0.3310



11.1965, 0.3006, 0.6798



11.1965, 0.0678, 0.1808

Rectangle

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



11.1965, 0.2246, 0.1285



11.1965, 0.5287, 0.2267



11.1965, 0.3006, 0.6798



11.1965, 0.1112, 0.4234

Sweetspot

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



11.1969, 0.2246, 0.1285



64.9995, 0.2926, 0.2729



25.1530, 0.2100, 0.2364



13.0850, 0.2895, 0.2648



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.



11.1969, 0.2246, 0.1285



13.2290, 0.2027, 0.0968



17.8843, 0.3030, 0.1665



10.4989, 0.3046, 0.3056



3.8714, 0.1879, 0.0808



0.2256, 0.2120, 0.0942

Inverse Universe

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



17.4999, 0.4049, 0.2321



25.3798, 0.4349, 0.2265



43.4988, 0.3086, 0.5493



10.7393, 0.3200, 0.3156



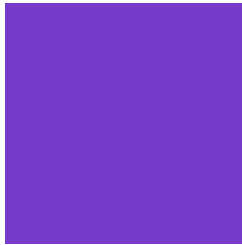
8.6422, 0.4587, 0.2300



0.4234, 0.4225, 0.2101

Previews

White Background



This preview shows how the Yxy color 11.1965, 0.2246, 0.1285 looks on a white background.

Color Contrast Check

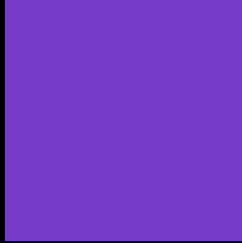
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1965, 0.2246, 0.1285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

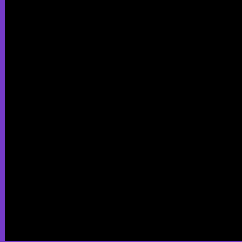
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1965, 0.2246, 0.1285

Background



This preview shows how black text looks on a background with the Yxy color 11.1965, 0.2246, 0.1285.



This preview shows how white text looks on a background with the Yxy color 11.1965, 0.2246, 0.1285.

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

11.1965, 0.2246, 0.1285

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

11.3026, 0.1856, 0.1880



Tritanopia

11.1817, 0.3058, 0.3127

Trichromacy



Original Color

11.1965, 0.2246, 0.1285



Protanomaly

10.0457, 0.1782, 0.1313



Deuteranomaly

9.9548, 0.1849, 0.1506



Tritanomaly

10.5746, 0.2683, 0.2174

Monochromacy



Original Color

11.1965, 0.2246, 0.1285



Achromatopsia

10.9462, 0.3127, 0.3290



Achromatomaly

10.3756, 0.2728, 0.2249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1965, 0.2246, 0.1285 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(118, 59, 201)` looks like.

```
.text, #text, p{  
    color:rgb(118, 59, 201)  
}
```

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(118, 59, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 59, 201) }
```

Border

The CSS property to change the border of an element to Yxy 11.1965, 0.2246, 0.1285 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(118, 59, 201) }
```

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

```
.border{ border-color:rgb(118, 59, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 59, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 59, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 59, 201);  
box-shadow:4px 4px 4px 4px rgb(118, 59,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1965, 0.2246, 0.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 59, 201) }
```

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

```
.background{ background-color: rgb(118, 59,  
201) }
```

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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