

Converting Colors

$Yxy(17.2605, 0.2142, 0.1408)$

Have a look what the booklet for
Yxy(17.2605, 0.2142, 0.1408)
contains.

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Color

Yxy(17.2605, 0.2142, 0.1408)

Conversions

Conversions Part 1

Format	Color
Hex	795AE9
RGB	121, 90, 233
RGB Percent	47%, 35%, 91%
CMY	0.5253, 0.6472, 0.0861
CMYK	0.48, 0.61, 0.00, 0.09
HSL	253°, 77%, 63%
HSV	253°, 61%, 91%
XYZ	26.2585, 17.2605, 79.0698
YIQ	115.5710, -27.4270, 51.0450

Conversions

Conversions Part 2

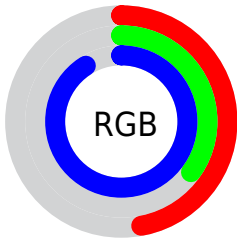
Format	Color
R _{YB}	121, 90, 233
Decimal	7953129
CIE Lab	48.59, 47.26, -68.41
CIE LCh	49, 83.147, 304.635
Yxy	17.2605, 0.2142, 0.1408
Android (android.graphics.Color)	4286143209 (0xFF795AE9)
YUV	115.5710, 57.8925, 4.7612
Hunter-Lab	41.5458, 40.1138, -83.7585

Details

The Yxy color **17.2605, 0.2142, 0.1408** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **71.5909, 0.3752, 0.4854**, and the grayscale version is **17.1538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9731, 0.2557, 0.1982**, and **5.6901, 0.1803, 0.0986** is the 20% darker color. If you saturate the color by 10%, you get **12.7322, 0.1964, 0.1123**, and if you desaturate by 10%, it is **23.2708, 0.2329, 0.1729**.

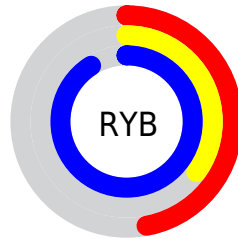
Distribution



Red (47%)

Green (35%)

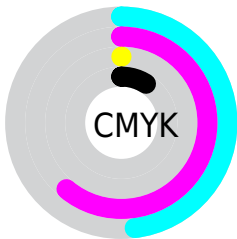
Blue (91%)



Red (47%)

Yellow (35%)

Blue (91%)

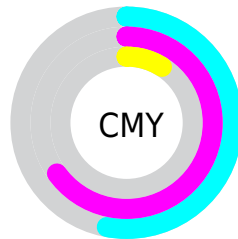


Cyan (48%)

Magenta (61%)

Yellow (0%)

Black (9%)



Cyan (53%)

Magenta (65%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2605, 0.2142, 0.1408 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 17.2605, 0.2142, 0.1408 by changing the saturation by 10% instead.

■ 17.2605, 0.2142,
0.1408

■ 17.2605, 0.2142,
0.1408

■ 236.6691, 0.2697,
0.2310

■ 10.4204, 0.1994,
0.1212

■ 38.7731, 0.2353,
0.1718

■ 5.6786, 0.1804,
0.0982

■ 54.2144, 0.2430,
0.1840

■ 2.6506, 0.1556,
0.0717

■ 73.2916, 0.2494,
0.1946

■ 0.9522, 0.1232,
0.0429

■ 96.3890, 0.2548,
0.2038

■ 0.0000, 0.0835,
0.0000

■ 123.8911, 0.2594,
0.2119

■ 0.0000, 0.0000,
0.0000

156.1822, 0.2633,

0.2190

193.6467, 0.2667,
0.2254

■ 17.2605, 0.2142,
0.1408

■ 17.2605, 0.2142,
0.1408

■ 12.7322, 0.1964,
0.1123

■ 23.2708, 0.2329,
0.1729

■ 9.5506, 0.1807,
0.0894

■ 30.8786, 0.2514,
0.2064

■ 7.5573, 0.1682,
0.0738

■ 40.1898, 0.2689,
0.2395

■ 6.5796, 0.1603,
0.0657

■ 51.3006, 0.2848,
0.2708

■ 64.2998, 0.2989,
0.2997

79.2704, 0.3111,
0.3256

96.2905, 0.3217,
0.3487

98.6656, 0.3256,
0.3502

Harmonies

Analogous

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



17.2605, 0.1309, 0.1282



17.2605, 0.2142, 0.1408



17.2605, 0.3571, 0.1835

Triad

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



17.2605, 0.2142, 0.1408



17.2605, 0.5686, 0.4168



17.2605, 0.1253, 0.3806

Complementary

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



17.2605, 0.2142, 0.1408



71.5909, 0.3752, 0.4854

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.



17.2605, 0.2160, 0.5839



17.2605, 0.2142, 0.1408



17.2605, 0.4681, 0.5300

Square

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



17.2605, 0.2142, 0.1408



17.2605, 0.6034, 0.3284



17.2605, 0.3386, 0.6225



17.2605, 0.0896, 0.2196

Rectangle

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



17.2605, 0.2142, 0.1408



17.2605, 0.4708, 0.2268



17.2605, 0.3386, 0.6225



17.2605, 0.1495, 0.4533

Sweetspot

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



17.2610, 0.2142, 0.1408



67.9410, 0.2896, 0.2807



50.3190, 0.2288, 0.2874



13.5908, 0.2853, 0.2720



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.



17.2610, 0.2142, 0.1408



14.2954, 0.1915, 0.1048



24.4651, 0.2786, 0.1694



14.7066, 0.3014, 0.3049



3.7760, 0.1614, 0.0663



0.3377, 0.1744, 0.0734

Inverse Universe

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



28.9003, 0.3531, 0.2129



30.0471, 0.3644, 0.1978



63.8254, 0.3249, 0.5149



15.2545, 0.3171, 0.3107



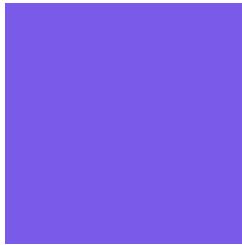
11.7744, 0.3847, 0.1893



0.9385, 0.3741, 0.1835

Previews

White Background



This preview shows how the Yxy color 17.2605, 0.2142, 0.1408 looks on a white background.

Color Contrast Check

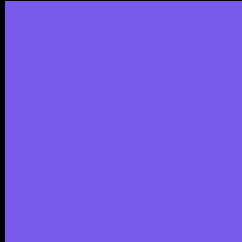
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2605, 0.2142, 0.1408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

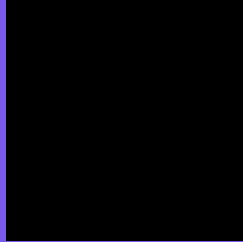
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2605, 0.2142, 0.1408

Background



This preview shows how black text looks on a background with the Yxy color 17.2605, 0.2142, 0.1408.



This preview shows how white text looks on a background with the Yxy color 17.2605, 0.2142, 0.1408.

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

17.2605, 0.2142, 0.1408

Protanopia

17.3670, 0.1739, 0.1461

Deuteranopia

17.3646, 0.1841, 0.1827



Tritanopia

17.2932, 0.2710, 0.3105

Trichromacy



Original Color

17.2605, 0.2142, 0.1408



Protanomaly

16.1765, 0.1776, 0.1385



Deuteranomaly

16.1669, 0.1843, 0.1597



Tritanomaly

16.6109, 0.2455, 0.2261

Monochromacy



Original Color

17.2605, 0.2142, 0.1408



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

16.8701, 0.2677, 0.2379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2605, 0.2142, 0.1408 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(121, 90, 233)` looks like.

```
.text, #text, p{  
    color:rgb(121, 90, 233)  
}
```

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(121, 90, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 90, 233) }
```

Border

The CSS property to change the border of an element to Yxy 17.2605, 0.2142, 0.1408 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(121, 90, 233) }
```

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

```
.border{ border-color:rgb(121, 90, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 90, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 90, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 90, 233);  
box-shadow:4px 4px 4px 4px rgb(121, 90,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2605, 0.2142, 0.1408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 90, 233) }
```

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

```
.background{ background-color: rgb(121, 90,  
233) }
```

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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