

Converting Colors

$Yxy(17.3047, 0.2033, 0.1397)$

Have a look what the booklet for
Yxy(17.3047, 0.2033, 0.1397)
contains.

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Color

Yxy(17.3047, 0.2033, 0.1397)

Conversions

Conversions Part 1

Format	Color
Hex	6A5FEC
RGB	106, 95, 236
RGB Percent	42%, 37%, 93%
CMY	0.5841, 0.6275, 0.0744
CMYK	0.55, 0.60, 0.00, 0.07
HSL	245°, 79%, 65%
HSV	245°, 60%, 93%
XYZ	25.1829, 17.3047, 81.3829
YIQ	114.3630, -38.7050, 46.1830

Conversions

Conversions Part 2

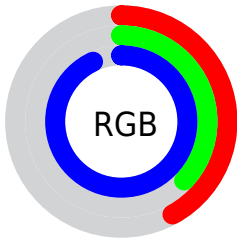
Format	Color
R _{YB}	106, 95, 236
Decimal	6971372
CIE Lab	48.64, 42.51, -70.05
CIE LCh	49, 81.943, 301.251
Yxy	17.3047, 0.2033, 0.1397
Android (android.graphics.Color)	4285161452 (0xFF6A5FEC)
YUV	114.3630, 59.9670, -7.3344
Hunter-Lab	41.5989, 35.2610, -86.8739

Details

The Yxy color **17.3047, 0.2033, 0.1397** 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 **76.8246, 0.3889, 0.4735**, and the grayscale version is **16.7689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9933, 0.2466, 0.2005**, and **5.7087, 0.1676, 0.0971** is the 20% darker color. If you saturate the color by 10%, you get **12.5107, 0.1847, 0.1095**, and if you desaturate by 10%, it is **23.7250, 0.2237, 0.1736**.

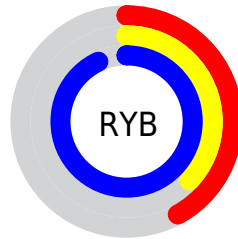
Distribution



Red (42%)

Green (37%)

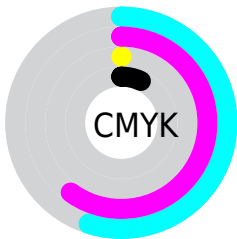
Blue (93%)



Red (42%)

Yellow (37%)

Blue (93%)

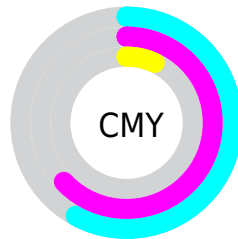


Cyan (55%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (58%)


Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3047, 0.2033, 0.1397 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 17.3047, 0.2033, 0.1397 by changing the saturation by 10% instead.


 17.3047, 0.2033,
0.1397


 17.3047, 0.2033,
0.1397


236.9222, 0.2638,
0.2306


 10.4520, 0.1876,
0.1200


 38.8489, 0.2260,
0.1709


 5.6996, 0.1676,
0.0969


 54.3092, 0.2344,
0.1832

 2.6633, 0.1421,
0.0705

 73.4075, 0.2414,
0.1938

 0.9586, 0.1094,
0.0419

 96.5281, 0.2473,
0.2031

 0.0000, 0.0707,
0.0000

124.0555, 0.2524,
0.2113

 0.0000, 0.0000,
0.0000

156.3740, 0.2567,

0.2185

193.8682, 0.2605,
0.2249

■ 17.3047, 0.2033,
0.1397

■ 17.3047, 0.2033,
0.1397

■ 12.5107, 0.1847,
0.1095

■ 23.7250, 0.2237,
0.1736

■ 9.1950, 0.1693,
0.0855

■ 31.8987, 0.2444,
0.2088

■ 7.1852, 0.1583,
0.0694

■ 41.9424, 0.2642,
0.2430

■ 6.2087, 0.1521,
0.0612

■ 53.9618, 0.2824,
0.2750

■ 6.1910, 0.1520,
0.0611

■ 68.0550, 0.2987,
0.3039

■ 84.3134, 0.3130,
0.3296

■ 98.8372, 0.3238,
0.3473

Harmonies

Analogous

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



17.3047, 0.1266, 0.1306



17.3047, 0.2033, 0.1397



17.3047, 0.3382, 0.1788

Triad

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



17.3047, 0.2033, 0.1397



17.3047, 0.5741, 0.4062



17.3047, 0.1350, 0.4038

Complementary

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



17.3047, 0.2033, 0.1397



76.8246, 0.3889, 0.4735

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.



17.3047, 0.2309, 0.5943



17.3047, 0.2033, 0.1397



17.3047, 0.4805, 0.5154

Square

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



17.3047, 0.2033, 0.1397



17.3047, 0.5969, 0.3205



17.3047, 0.3539, 0.6119



17.3047, 0.0934, 0.2342

Rectangle

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



17.3047, 0.2033, 0.1397



17.3047, 0.4501, 0.2203



17.3047, 0.3539, 0.6119



17.3047, 0.1614, 0.4757

Sweetspot

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



17.3052, 0.2033, 0.1397



66.9722, 0.2853, 0.2801



63.2167, 0.2367, 0.3168



13.3591, 0.2803, 0.2712



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.



17.3052, 0.2033, 0.1397



13.7476, 0.1804, 0.1027



23.3400, 0.2595, 0.1642



14.6055, 0.2992, 0.3047



3.4334, 0.1525, 0.0614



0.2893, 0.1591, 0.0650

Inverse Universe

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



31.4492, 0.3304, 0.1988



32.1432, 0.3344, 0.1811



67.9044, 0.3387, 0.5022



15.2922, 0.3150, 0.3076



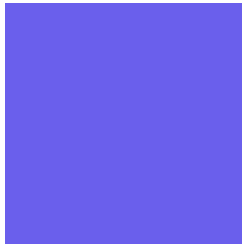
12.6134, 0.3417, 0.1656



0.9965, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 17.3047, 0.2033, 0.1397 looks on a white background.

Color Contrast Check

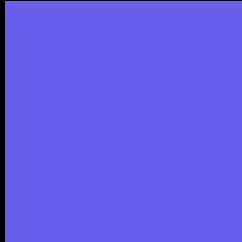
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3047, 0.2033, 0.1397 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 17.3047, 0.2033, 0.1397

Background



This preview shows how black text looks on a background with the Yxy color 17.3047, 0.2033, 0.1397.



This preview shows how white text looks on a background with the Yxy color 17.3047, 0.2033, 0.1397.

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

17.3047, 0.2033, 0.1397

Protanopia

17.3670, 0.1739, 0.1461

Deuteranopia

17.3165, 0.1844, 0.1837



Tritanopia

17.1246, 0.2474, 0.3076

Trichromacy



Original Color

17.3047, 0.2033, 0.1397

Protanomaly

16.5326, 0.1768, 0.1400

Deuteranomaly

16.5411, 0.1835, 0.1614

Tritanomaly

16.5064, 0.2264, 0.2246

Monochromacy



Original Color

17.3047, 0.2033, 0.1397

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3635, 0.2610, 0.2375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3047, 0.2033, 0.1397 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(106, 95, 236)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 236)  
}
```

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(106, 95, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 236) }
```

Border

The CSS property to change the border of an element to Yxy 17.3047, 0.2033, 0.1397 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(106, 95, 236) }
```

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

```
.border{ border-color:rgb(106, 95, 236) }
```

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

Here you see how a box with a 4 pixel rgb(106, 95, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 236);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3047, 0.2033, 0.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 236) }
```

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

```
.background{ background-color: rgb(106, 95,  
236) }
```

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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