

Converting Colors

$Yxy(17.1218, 0.1714, 0.1371)$

Have a look what the booklet for
Yxy(17.1218, 0.1714, 0.1371)
contains.

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Color

Yxy(17.1359, 0.1715, 0.1374)

Conversions

Conversions Part 1

Format	Color
Hex	006CF2
RGB	0, 108, 242
RGB Percent	0%, 42%, 95%
CMY	1.0000, 0.5765, 0.0509
CMYK	1.00, 0.55, 0.00, 0.05
HSL	213°, 100%, 47%
HSV	213°, 100%, 95%
XYZ	21.3887, 17.1359, 86.1908
YIQ	90.9840, -107.3820, 18.7780

Conversions

Conversions Part 2

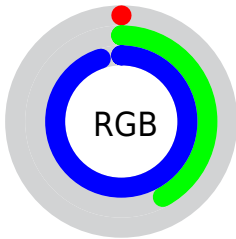
Format	Color
R _{YB}	0, 75, 242
Decimal	27890
CIE Lab	48.43, 26.41, -73.92
CIE LCh	48, 78.498, 289.657
Yxy	17.1359, 0.1715, 0.1374
Android (android.graphics.Color)	4278217970 (0xFF006CF2)
YUV	90.9840, 74.4509, -79.7930
Hunter-Lab	41.3955, 19.7872, -94.4726

Details

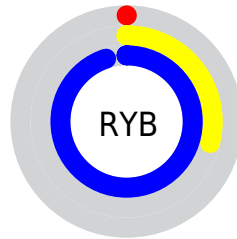
The Yxy color **17.1359, 0.1715, 0.1374** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **35.9304, 0.5272, 0.4196**, and the grayscale version is **10.3052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3313, 0.2148, 0.2058**, and **6.9480, 0.1634, 0.1084** is the 20% darker color. If you saturate the color by 10%, you get **17.1371, 0.1715, 0.1374**, and if you desaturate by 10%, it is **20.3811, 0.1787, 0.1563**.

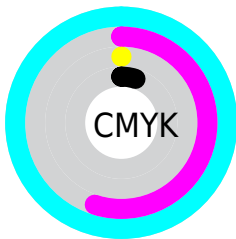
Distribution



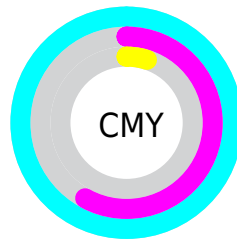
- Red (0%)
- Green (42%)
- Blue (95%)



- Red (0%)
- Yellow (29%)
- Blue (95%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (5%)





- Cyan (100%)
- Magenta (58%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1359, 0.1715, 0.1374 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 17.1359, 0.1715, 0.1374 by changing the saturation by 10% instead.


 17.1359, 0.1715,
0.1374


 17.1359, 0.1715,
0.1374


235.9543, 0.2462,
0.2305

 10.3314, 0.1534,
0.1172


 38.5593, 0.1986,
0.1693

 5.6193, 0.1313,
0.0938


 53.9470, 0.2089,
0.1820


 2.6150, 0.1044,
0.0672

 72.9646, 0.2176,
0.1929

 0.9342, 0.0726,
0.0390

 95.9964, 0.2250,
0.2024

 0.0000, 0.0352,
0.0000

 123.4269, 0.2314,
0.2108

 0.0000, 0.0000,
0.0000

155.6405, 0.2370,

0.2181

193.0215, 0.2419,
0.2246

■ 17.1359, 0.1715,
0.1374

■ 17.1359, 0.1715,
0.1374

■ 17.1371, 0.1715,
0.1374

■ 20.3811, 0.1787,
0.1563

■ 24.3229, 0.1883,
0.1768

■ 29.0564, 0.2005,
0.1983

■ 34.6437, 0.2147,
0.2202

■ 41.1388, 0.2305,
0.2416

■ 48.5900, 0.2471,
0.2621

■ 57.0418, 0.2641,
0.2813

■ 66.5353, 0.2809,
0.2989

■ 77.1090, 0.2972,
0.3148

Harmonies

Analogous

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



17.1359, 0.1142, 0.1405



17.1359, 0.1715, 0.1374



17.1359, 0.2808, 0.1645

Triad

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



17.1359, 0.1715, 0.1374



17.1359, 0.5870, 0.3731



17.1359, 0.1717, 0.4802

Complementary

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



17.1359, 0.1715, 0.1374



35.9304, 0.5272, 0.4196

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.



17.1359, 0.2811, 0.6124



17.1359, 0.1715, 0.1374



17.1359, 0.5181, 0.4699

Square

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



17.1359, 0.1715, 0.1374



17.1359, 0.5655, 0.2931



17.1359, 0.4040, 0.5736



17.1359, 0.1092, 0.2907

Rectangle

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



17.1359, 0.1715, 0.1374



17.1359, 0.3826, 0.1989



17.1359, 0.4040, 0.5736



17.1359, 0.2046, 0.5421

Sweetspot

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



17.1371, 0.1715, 0.1374



64.1520, 0.2639, 0.2811



65.2056, 0.2684, 0.4862



12.8406, 0.2568, 0.2732



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.



17.1371, 0.1715, 0.1374



19.2098, 0.1714, 0.1369



6.4902, 0.1511, 0.0606



16.3901, 0.2980, 0.3156



9.4690, 0.1724, 0.1404



0.9833, 0.1794, 0.1657

Inverse Universe

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



19.9615, 0.5226, 0.2652



22.4704, 0.5232, 0.2656



80.3171, 0.4105, 0.5123



15.8761, 0.3223, 0.3185



10.7492, 0.5185, 0.2630



0.9140, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 17.1359, 0.1715, 0.1374 looks on a white background.

Color Contrast Check

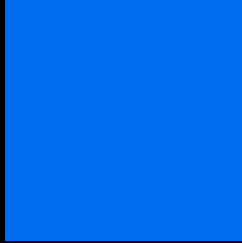
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1359, 0.1715, 0.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

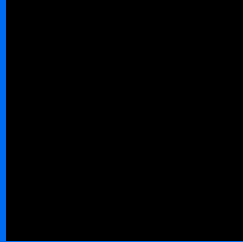
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

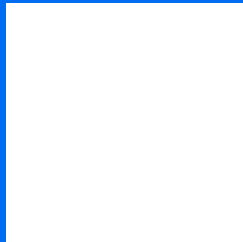
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.1359, 0.1715, 0.1374

Background



This preview shows how black text looks on a background with the Yxy color 17.1359, 0.1715, 0.1374.



This preview shows how white text looks on a background with the Yxy color 17.1359, 0.1715, 0.1374.

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

17.1359, 0.1715, 0.1374

Protanopia

17.0924, 0.1737, 0.1454

Deuteranopia

16.9396, 0.1848, 0.1852



Tritanopia

16.9280, 0.2197, 0.3109

Trichromacy



Original Color

17.1359, 0.1715, 0.1374

Protanomaly

17.0517, 0.1728, 0.1420

Deuteranomaly

16.9925, 0.1793, 0.1655

Tritanomaly

16.4889, 0.1958, 0.2249

Monochromacy



Original Color

17.1359, 0.1715, 0.1374

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

11.5243, 0.2174, 0.2235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1359, 0.1715, 0.1374 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(0, 108, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 242)  
}
```

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(0, 108, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 242) }
```

Border

The CSS property to change the border of an element to Yxy 17.1359, 0.1715, 0.1374 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(0, 108, 242) }
```

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

```
.border{ border-color:rgb(0, 108, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1359, 0.1715, 0.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 242) }
```

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

```
.background{ background-color: rgb(0, 108,  
242) }
```

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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