

Converting Colors

$Yxy(15.1104, 0.1672, 0.1220)$

Have a look what the booklet for
Yxy(15.1104, 0.1672, 0.1220)
contains.

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Color

Yxy(15.1420, 0.1672, 0.1220)

Conversions

Conversions Part 1

Format	Color
Hex	0061F5
RGB	0, 97, 245
RGB Percent	0%, 38%, 96%
CMY	1.0000, 0.6195, 0.0392
CMYK	1.00, 0.60, 0.00, 0.04
HSL	216°, 100%, 48%
HSV	216°, 100%, 96%
XYZ	20.7520, 15.1420, 88.2208
YIQ	84.8690, -105.3200, 25.4640

Conversions

Conversions Part 2

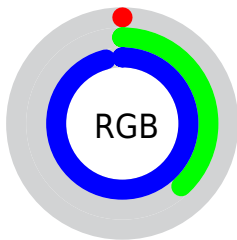
Format	Color
R _{YB}	0, 69, 245
Decimal	25077
CIE Lab	45.83, 34.58, -79.85
CIE LCh	46, 87.016, 293.413
Yxy	15.1420, 0.1672, 0.1220
Android (android.graphics.Color)	4278215157 (0xFF0061F5)
YUV	84.8690, 78.9446, -74.4301
Hunter-Lab	38.9127, 27.0960, -107.1801

Details

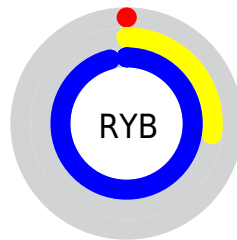
The Yxy color **15.1420, 0.1672, 0.1220** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **40.5911, 0.5126, 0.4312**, and the grayscale version is **8.9069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4669, 0.2119, 0.1903**, and **6.0438, 0.1596, 0.0946** is the 20% darker color. If you saturate the color by 10%, you get **15.1453, 0.1672, 0.1220**, and if you desaturate by 10%, it is **18.3410, 0.1746, 0.1414**.

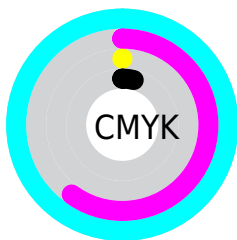
Distribution



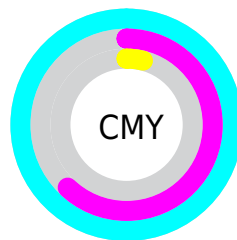
- Red (0%)
- Green (38%)
- Blue (96%)



- Red (0%)
- Yellow (27%)
- Blue (96%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (62%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1420, 0.1672, 0.1220 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 15.1420, 0.1672, 0.1220 by changing the saturation by 10% instead.


 15.1420, 0.1672,
0.1220


 15.1420, 0.1672,
0.1220


224.2241, 0.2449,
0.2208


 8.9191, 0.1485,
0.1015


 35.1021, 0.1954,
0.1553


 4.6885, 0.1257,
0.0781


 49.6081, 0.2061,
0.1687

 2.0657, 0.0983,
0.0527

 67.6439, 0.2152,
0.1803

 0.6452, 0.0665,
0.0265

 89.5939, 0.2229,
0.1905

 0.0000, 0.0287,
0.0000

 115.8426, 0.2296,
0.1995

 0.0000, 0.0000,
0.0000

146.7742, 0.2353,

0.2074

182.7733, 0.2404,
0.2145

■ 15.1420, 0.1672,
0.1220

■ 15.1420, 0.1672,
0.1220

■ 15.1453, 0.1672,
0.1220

■ 18.3410, 0.1746,
0.1414

■ 22.3253, 0.1846,
0.1630

■ 27.2011, 0.1974,
0.1861

■ 33.0382, 0.2124,
0.2098

■ 39.8977, 0.2288,
0.2332

■ 47.8347, 0.2461,
0.2557

■ 56.8995, 0.2635,
0.2767

■ 67.1392, 0.2807,
0.2960

■ 78.5976, 0.2971,
0.3135

Harmonies

Analogous

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



15.1420, 0.1020, 0.1203



15.1420, 0.1672, 0.1220



15.1420, 0.2946, 0.1541

Triad

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



15.1420, 0.1672, 0.1220



15.1420, 0.6086, 0.3756



15.1420, 0.1393, 0.4753

Complementary

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



15.1420, 0.1672, 0.1220



40.5911, 0.5126, 0.4312

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.



15.1420, 0.2497, 0.6540



15.1420, 0.1672, 0.1220



15.1420, 0.5149, 0.4851

Square

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



15.1420, 0.1672, 0.1220



15.1420, 0.6097, 0.2922



15.1420, 0.3852, 0.6148



15.1420, 0.0847, 0.2594

Rectangle

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



15.1420, 0.1672, 0.1220



15.1420, 0.4143, 0.1926



15.1420, 0.3852, 0.6148



15.1420, 0.1713, 0.5557

Sweetspot

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



15.1453, 0.1672, 0.1220



62.2430, 0.2634, 0.2766



67.4161, 0.2634, 0.4683



12.3926, 0.2561, 0.2679



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.



15.1453, 0.1672, 0.1220



16.5220, 0.1671, 0.1216



6.7934, 0.1527, 0.0615



17.0033, 0.2980, 0.3143



8.4105, 0.1681, 0.1250



0.9339, 0.1749, 0.1497

Inverse Universe

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



20.2772, 0.5438, 0.2769



22.1990, 0.5443, 0.2772



80.6042, 0.4016, 0.5194



16.5912, 0.3231, 0.3197



10.9484, 0.5396, 0.2746



0.9819, 0.5063, 0.2563

Previews

White Background



This preview shows how the Yxy color 15.1420, 0.1672, 0.1220 looks on a white background.

Color Contrast Check

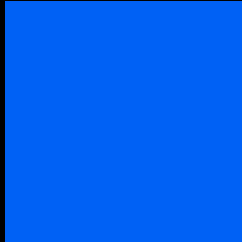
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1420, 0.1672, 0.1220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

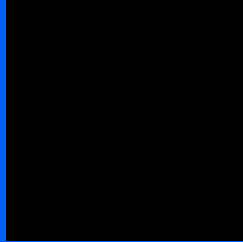
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

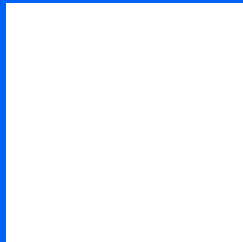
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.1420, 0.1672, 0.1220

Background



This preview shows how black text looks on a background with the Yxy color 15.1420, 0.1672, 0.1220.



This preview shows how white text looks on a background with the Yxy color 15.1420, 0.1672, 0.1220.

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

15.1420, 0.1672, 0.1220

Protanopia

15.0679, 0.1741, 0.1468

Deuteranopia

15.0430, 0.1855, 0.1876



Tritanopia

14.9652, 0.2201, 0.3123

Trichromacy



Original Color

15.1420, 0.1672, 0.1220

Protanomaly

14.9645, 0.1712, 0.1363

Deuteranomaly

14.9115, 0.1775, 0.1588

Tritanomaly

14.4906, 0.1928, 0.2141

Monochromacy



Original Color

15.1420, 0.1672, 0.1220

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.9122, 0.2124, 0.2094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1420, 0.1672, 0.1220 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, 97, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 245)  
}
```

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, 97, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 245) }
```

Border

The CSS property to change the border of an element to Yxy 15.1420, 0.1672, 0.1220 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, 97, 245) }
```

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

```
.border{ border-color:rgb(0, 97, 245) }
```

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

Here you see how a box with a 4 pixel rgb(0, 97, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 245)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.1420, 0.1672, 0.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 245) }
```

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

```
.background{ background-color: rgb(0, 97,  
245) }
```

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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