

Converting Colors

$Yxy(11.3481, 0.1585, 0.0906)$

Have a look what the booklet for
Yxy(11.3481, 0.1585, 0.0906)
contains.

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Color

Yxy(11.3481, 0.1585, 0.0906)

Conversions

Conversions Part 1

Format	Color
Hex	0045FD
RGB	0, 69, 253
RGB Percent	0%, 27%, 99%
CMY	1.0000, 0.7293, 0.0079
CMYK	1.00, 0.73, 0.00, 0.01
HSL	224°, 100%, 50%
HSV	224°, 100%, 99%
XYZ	19.8529, 11.3481, 94.0540
YIQ	69.3450, -100.1880, 42.5960

Conversions

Conversions Part 2

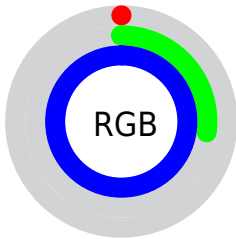
Format	Color
R _Y B	0, 54, 253
Decimal	17917
CIE Lab	40.16, 54.59, -93.65
CIE LCh	40, 108.396, 300.241
Yxy	11.3481, 0.1585, 0.0906
Android (android.graphics.Color)	4278207997 (0xFF0045FD)
YUV	69.3450, 90.5419, -60.8156
Hunter-Lab	33.6869, 46.2443, -141.9568

Details

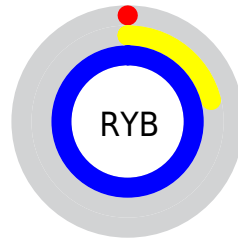
The Yxy color **11.3481, 0.1585, 0.0906** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **55.1423, 0.4787, 0.4581**, and the grayscale version is **5.8739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **23.8899, 0.2072, 0.1560**, and **4.6354, 0.1526, 0.0694** is the 20% darker color. If you saturate the color by 10%, you get **11.3491, 0.1585, 0.0906**, and if you desaturate by 10%, it is **14.1848, 0.1656, 0.1089**.

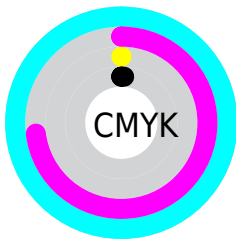
Distribution



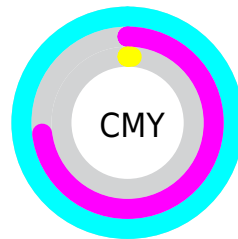
- Red (0%)
- Green (27%)
- Blue (99%)



- Red (0%)
- Yellow (21%)
- Blue (99%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (73%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.3481, 0.1585, 0.0906 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 11.3481, 0.1585, 0.0906 by changing the saturation by 10% instead.

■ 11.3481, 0.1585,
0.0906

■ 11.3481, 0.1585,
0.0906

■ 200.0404, 0.2425,
0.1988

■ 6.3015, 0.1386,
0.0704

■ 28.3021, 0.1889,
0.1253

■ 3.0293, 0.1147,
0.0490

■ 40.9783, 0.2005,
0.1398

■ 1.1470, 0.0868,
0.0279

■ 56.9664, 0.2103,
0.1527

■ 0.0178, 0.0563,
0.0007

■ 76.6509, 0.2187,
0.1641

■ 0.0000, 0.0189,
0.0000

■ 100.4161, 0.2259,
0.1743

■ 0.0000, 0.0000,
0.0000

128.6465, 0.2322,

0.1834

161.7265, 0.2377,
0.1915

■ 11.3481, 0.1585,
0.0906

■ 11.3481, 0.1585,
0.0906

■ 11.3491, 0.1585,
0.0906

■ 14.1848, 0.1656,
0.1089

■ 18.0531, 0.1762,
0.1314

■ 23.0899, 0.1901,
0.1572

■ 29.3942, 0.2066,
0.1847

■ 37.0527, 0.2247,
0.2127

■ 46.1440, 0.2435,
0.2399

■ 56.7401, 0.2622,
0.2655

■ 68.9078, 0.2802,
0.2891

■ 82.7100, 0.2971,
0.3102

Harmonies

Analogous

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



11.3481, 0.0776, 0.0812



11.3481, 0.1585, 0.0906



11.3481, 0.3330, 0.1308

Triad

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



11.3481, 0.1585, 0.0906



11.3481, 0.6344, 0.3656



11.3481, 0.0707, 0.4416

Complementary

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



11.3481, 0.1585, 0.0906



55.1423, 0.4787, 0.4581

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.



11.3481, 0.1654, 0.7618



11.3481, 0.1585, 0.0906



11.3481, 0.4859, 0.5141

Square

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



11.3481, 0.1585, 0.0906



11.3481, 0.6993, 0.2758



11.3481, 0.3063, 0.6937



11.3481, 0.0407, 0.1858

Rectangle

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



11.3481, 0.1585, 0.0906



11.3481, 0.5011, 0.1761



11.3481, 0.3063, 0.6937



11.3481, 0.0950, 0.5731

Sweetspot

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



11.3491, 0.1585, 0.0906



57.7622, 0.2622, 0.2655



73.5854, 0.2516, 0.4257



11.3486, 0.2543, 0.2549



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.



11.3491, 0.1585, 0.0906



11.5469, 0.1585, 0.0905



7.8974, 0.1600, 0.0655



18.1841, 0.2979, 0.3112



6.2446, 0.1592, 0.0932



0.7805, 0.1652, 0.1146

Inverse Universe

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



21.3085, 0.5902, 0.3025



21.6968, 0.5903, 0.3026



82.2652, 0.3808, 0.5359



18.0685, 0.3251, 0.3225



11.3584, 0.5862, 0.3003



1.1233, 0.5543, 0.2827

Previews

White Background



This preview shows how the Yxy color 11.3481, 0.1585, 0.0906 looks on a white background.

Color Contrast Check

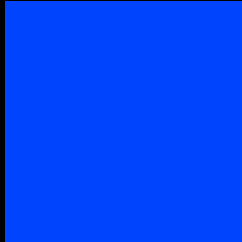
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3481, 0.1585, 0.0906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

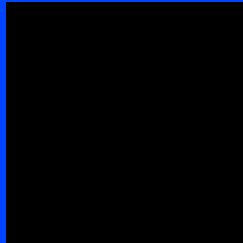
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3481, 0.1585, 0.0906

Background



This preview shows how black text looks on a background with the Yxy color 11.3481, 0.1585, 0.0906.



This preview shows how white text looks on a background with the Yxy color 11.3481, 0.1585, 0.0906.

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

11.3481, 0.1585, 0.0906

Protanopia

11.2438, 0.1749, 0.1496

Deuteranopia

11.1580, 0.1870, 0.1933

Trichromacy



Original Color

11.3481, 0.1585, 0.0906

Protanomaly

11.0416, 0.1670, 0.1210

Deuteranomaly

10.7565, 0.1721, 0.1397

Monochromacy



Original Color

11.3481, 0.1585, 0.0906

Achromatopsia

5.9511, 0.3127, 0.3290

Achromatomaly

6.5693, 0.1985, 0.1713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3481, 0.1585, 0.0906 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, 69, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 253)  
}
```

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, 69, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 253) }
```

Border

The CSS property to change the border of an element to Yxy 11.3481, 0.1585, 0.0906 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, 69, 253) }
```

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

```
.border{ border-color:rgb(0, 69, 253) }
```

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

Here you see how a box with a 4 pixel rgb(0, 69, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 253)  
}
```

Background

The CSS property to change the background color of an element to Yxy 11.3481, 0.1585, 0.0906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 253) }
```

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

```
.background{ background-color: rgb(0, 69,  
253) }
```

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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