

Converting Colors

$Yxy(11.6444, 0.1589, 0.0912)$

Have a look what the booklet for
Yxy(11.6444, 0.1589, 0.0912)
contains.

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Color

Yxy(11.6261, 0.1589, 0.0910)

Conversions

Conversions Part 1

Format	Color
Hex	0446FF
RGB	4, 70, 255
RGB Percent	2%, 27%, 100%
CMY	0.9827, 0.7257, 0.0000
CMYK	0.98, 0.73, 0.00, 0.00
HSL	224°, 100%, 51%
HSV	224°, 98%, 100%
XYZ	20.3010, 11.6261, 95.8323
YIQ	71.3560, -98.7210, 43.5430

Conversions

Conversions Part 2

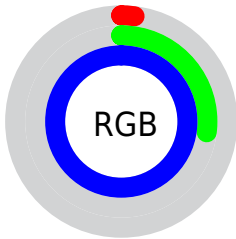
Format	Color
R _Y B	4, 56, 255
Decimal	280319
CIE Lab	40.62, 54.85, -94.05
CIE LCh	41, 108.877, 300.248
Yxy	11.6261, 0.1589, 0.0910
Android (android.graphics.Color)	4278470399 (0xFF0446FF)
YUV	71.3560, 90.5365, -59.0712
Hunter-Lab	34.0971, 46.6068, -142.7709

Details

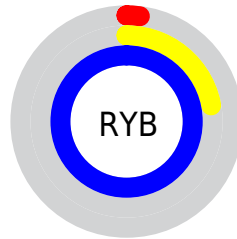
The Yxy color **11.6261, 0.1589, 0.0910** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **57.8609, 0.4743, 0.4608**, and the grayscale version is **6.2374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **24.1956, 0.2080, 0.1573**, and **4.7700, 0.1527, 0.0697** is the 20% darker color. If you saturate the color by 10%, you get **11.1984, 0.1579, 0.0882**, and if you desaturate by 10%, it is **14.6026, 0.1664, 0.1098**.

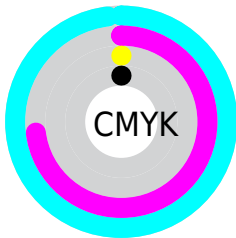
Distribution



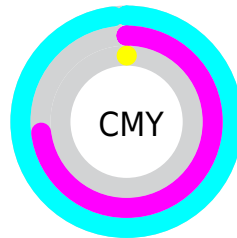
- Red (2%)
- Green (27%)
- Blue (100%)



- Red (2%)
- Yellow (22%)
- Blue (100%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)




- Cyan (98%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6261, 0.1589, 0.0910 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 11.6261, 0.1589, 0.0910 by changing the saturation by 10% instead.


 11.6261, 0.1589,
0.0910


 11.6261, 0.1589,
0.0910

201.9140, 0.2424,
0.1987

 6.4896, 0.1391,
0.0710


 28.8123, 0.1891,
0.1255


 3.1450, 0.1155,
0.0497


 41.6307, 0.2006,
0.1399

 1.2079, 0.0878,
0.0286

 57.7787, 0.2104,
0.1527

 0.0681, 0.0575,
0.0025

 77.6405, 0.2187,
0.1641

 0.0000, 0.0215,
0.0000

 101.6005, 0.2259,
0.1742

 0.0000, 0.0000,
0.0000

130.0432, 0.2322,

0.1833

163.3529, 0.2376,
0.1914

■ 11.6261, 0.1589,
0.0910

■ 11.6261, 0.1589,
0.0910

■ 11.1984, 0.1579,
0.0882

■ 14.6026, 0.1664,
0.1098

■ 18.6866, 0.1776,
0.1329

■ 23.9995, 0.1922,
0.1593

■ 30.6425, 0.2091,
0.1873

■ 38.7047, 0.2276,
0.2157

■ 48.2672, 0.2465,
0.2431

■ 59.4046, 0.2652,
0.2688

■ 72.1859, 0.2831,
0.2923

■ 86.6764, 0.2999,
0.3134

Harmonies

Analogous

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



11.6261, 0.0780, 0.0815



11.6261, 0.1589, 0.0910



11.6261, 0.3331, 0.1312

Triad

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



11.6261, 0.1589, 0.0910



11.6261, 0.6340, 0.3660



11.6261, 0.0713, 0.4413

Complementary

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



11.6261, 0.1589, 0.0910



57.8609, 0.4743, 0.4608

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.



11.6261, 0.1661, 0.7602



11.6261, 0.1589, 0.0910



11.6261, 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.



11.6261, 0.1589, 0.0910



11.6261, 0.6984, 0.2763



11.6261, 0.3069, 0.6931



11.6261, 0.0411, 0.1862

Rectangle

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



11.6261, 0.1589, 0.0910



11.6261, 0.5006, 0.1765



11.6261, 0.3069, 0.6931



11.6261, 0.0956, 0.5720

Sweetspot

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



11.6224, 0.1589, 0.0910



58.5402, 0.2639, 0.2670



75.1868, 0.2496, 0.4179



11.4817, 0.2560, 0.2562



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.



11.6224, 0.1589, 0.0910



11.1984, 0.1579, 0.0882



8.3683, 0.1629, 0.0677



18.1501, 0.2979, 0.3109



6.0557, 0.1586, 0.0908



0.7582, 0.1644, 0.1119

Inverse Universe

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



21.7972, 0.5892, 0.3030



21.6616, 0.5940, 0.3046



83.3363, 0.3783, 0.5372



18.0651, 0.3253, 0.3228



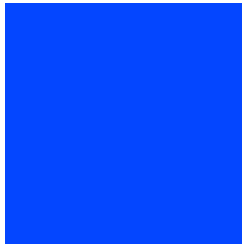
11.3393, 0.5899, 0.3023



1.1211, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 11.6261, 0.1589, 0.0910 looks on a white background.

Color Contrast Check

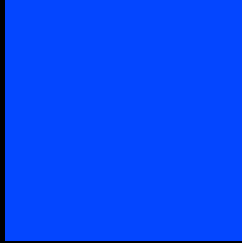
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6261, 0.1589, 0.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

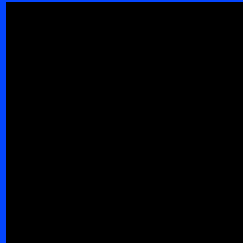
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.6261, 0.1589, 0.0910

Background



This preview shows how black text looks on a background with the Yxy color 11.6261, 0.1589, 0.0910.



This preview shows how white text looks on a background with the Yxy color 11.6261, 0.1589, 0.0910.

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

11.6261, 0.1589, 0.0910

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

11.4157, 0.1869, 0.1927

Trichromacy



Original Color

11.6261, 0.1589, 0.0910

Protanomaly

11.1057, 0.1670, 0.1206

Deuteranomaly

11.0236, 0.1724, 0.1398

Monochromacy



Original Color

11.6261, 0.1589, 0.0910

Achromatopsia

6.3010, 0.3127, 0.3290

Achromatomaly

6.9458, 0.2007, 0.1740

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6261, 0.1589, 0.0910 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(4, 70, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 70, 255)  
}
```

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(4, 70, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 70, 255) }
```

Border

The CSS property to change the border of an element to Yxy 11.6261, 0.1589, 0.0910 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(4, 70, 255) }
```

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

```
.border{ border-color:rgb(4, 70, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 70, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 70, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 70, 255);  
box-shadow:4px 4px 4px 4px rgb(4, 70, 255)  
}
```

Background

The CSS property to change the background color of an element to Yxy 11.6261, 0.1589, 0.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 70, 255) }
```

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

```
.background{ background-color: rgb(4, 70,  
255) }
```

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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