

Converting Colors

$Yxy(11.2795, 0.1586, 0.0909)$

Have a look what the booklet for
Yxy(11.2795, 0.1586, 0.0909)
contains.

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Color

Yxy(11.2845, 0.1586, 0.0908)

Conversions

Conversions Part 1

Format	Color
Hex	0145FC
RGB	1, 69, 252
RGB Percent	0%, 27%, 99%
CMY	0.9979, 0.7296, 0.0115
CMYK	1.00, 0.73, 0.00, 0.01
HSL	224°, 100%, 50%
HSV	224°, 100%, 99%
XYZ	19.7106, 11.2845, 93.2835
YIQ	69.5300, -99.2710, 42.4970

Conversions

Conversions Part 2

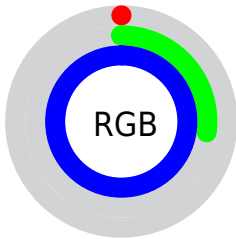
Format	Color
R _Y B	1, 55, 252
Decimal	83452
CIE Lab	40.06, 54.33, -93.30
CIE LCh	40, 107.973, 300.214
Yxy	11.2845, 0.1586, 0.0908
Android (android.graphics.Color)	4278273532 (0xFF0145FC)
YUV	69.5300, 89.9577, -60.1008
Hunter-Lab	33.5924, 45.9495, -141.1291

Details

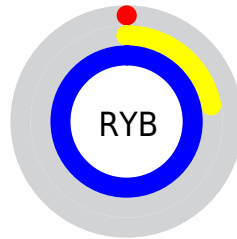
The Yxy color **11.2845, 0.1586, 0.0908** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **54.8471, 0.4783, 0.4583**, and the grayscale version is **5.8765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **23.8899, 0.2072, 0.1560**, and **4.5903, 0.1526, 0.0695** is the 20% darker color. If you saturate the color by 10%, you get **11.2328, 0.1585, 0.0904**, and if you desaturate by 10%, it is **14.1123, 0.1658, 0.1092**.

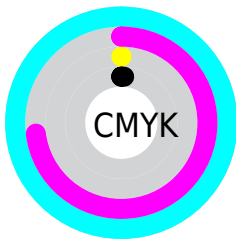
Distribution



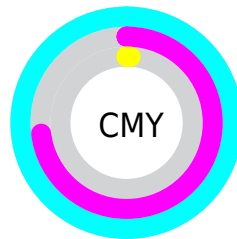
- Red (0%)
- Green (27%)
- Blue (99%)



- Red (0%)
- Yellow (22%)
- 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 11.2845, 0.1586, 0.0908 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 11.2845, 0.1586, 0.0908 by changing the saturation by 10% instead.


 11.2845, 0.1586,
0.0908


 11.2845, 0.1586,
0.0908


199.6091, 0.2426,
0.1991

 6.2585, 0.1386,
0.0706


 28.1851, 0.1890,
0.1256


 3.0029, 0.1147,
0.0491


 40.8285, 0.2007,
0.1401


 1.1333, 0.0867,
0.0279

 56.7798, 0.2105,
0.1530

 0.0062, 0.0561,
0.0002

 76.4234, 0.2189,
0.1644

 0.0000, 0.0181,
0.0000

 100.1438, 0.2261,
0.1746

 0.0000, 0.0000,
0.0000

128.3253, 0.2324,

0.1837

161.3522, 0.2378,
0.1918

■ 11.2845, 0.1586,
0.0908

■ 11.2845, 0.1586,
0.0908

■ 11.2328, 0.1585,
0.0904

■ 14.1123, 0.1658,
0.1092

■ 17.9695, 0.1764,
0.1318

■ 22.9892, 0.1904,
0.1576

■ 29.2691, 0.2070,
0.1852

■ 36.8954, 0.2251,
0.2132

■ 45.9457, 0.2439,
0.2404

■ 56.4915, 0.2626,
0.2660

■ 68.5993, 0.2806,
0.2895

■ 82.3311, 0.2974,
0.3106

Harmonies

Analogous

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



11.2845, 0.0777, 0.0814



11.2845, 0.1586, 0.0908



11.2845, 0.3328, 0.1310

Triad

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



11.2845, 0.1586, 0.0908



11.2845, 0.6343, 0.3657



11.2845, 0.0711, 0.4418

Complementary

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



11.2845, 0.1586, 0.0908



54.8471, 0.4783, 0.4583

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.



11.2845, 0.1659, 0.7610



11.2845, 0.1586, 0.0908



11.2845, 0.4861, 0.5139

Square

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



11.2845, 0.1586, 0.0908



11.2845, 0.6988, 0.2760



11.2845, 0.3068, 0.6932



11.2845, 0.0409, 0.1862

Rectangle

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



11.2845, 0.1586, 0.0908



11.2845, 0.5005, 0.1762



11.2845, 0.3068, 0.6932



11.2845, 0.0954, 0.5729

Sweetspot

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



11.2846, 0.1586, 0.0908



57.7312, 0.2622, 0.2654



72.9893, 0.2515, 0.4254



11.3414, 0.2543, 0.2548



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.



11.2846, 0.1586, 0.0908



11.5191, 0.1584, 0.0904



7.8571, 0.1601, 0.0657



17.4110, 0.2979, 0.3112



6.0566, 0.1592, 0.0932



0.7290, 0.1655, 0.1157

Inverse Universe

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



21.1472, 0.5899, 0.3024



21.6940, 0.5906, 0.3027



81.6058, 0.3808, 0.5357



17.3028, 0.3251, 0.3226



11.0223, 0.5863, 0.3003



1.0378, 0.5528, 0.2819

Previews

White Background



This preview shows how the Yxy color 11.2845, 0.1586, 0.0908 looks on a white background.

Color Contrast Check

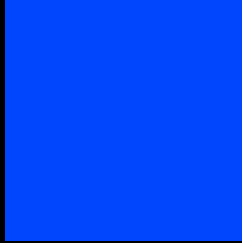
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2845, 0.1586, 0.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

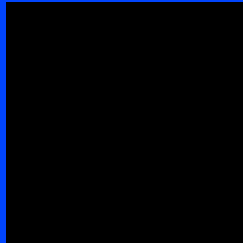
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2845, 0.1586, 0.0908

Background



This preview shows how black text looks on a background with the Yxy color 11.2845, 0.1586, 0.0908.



This preview shows how white text looks on a background with the Yxy color 11.2845, 0.1586, 0.0908.

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

11.2910, 0.1587, 0.0909

Protanopia

11.0300, 0.1747, 0.1488

Deuteranopia

10.9744, 0.1864, 0.1911



Tritanopia

11.0048, 0.2209, 0.3153

Trichromacy



Original Color

11.2910, 0.1587, 0.0909

Protanomaly

10.8387, 0.1668, 0.1203

Deuteranomaly

10.5957, 0.1717, 0.1380

Tritanomaly

10.0554, 0.1838, 0.1817

Monochromacy



Original Color

11.2910, 0.1587, 0.0909

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 11.2845, 0.1586, 0.0908 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(1, 69, 252)` looks like.

```
.text, #text, p{  
    color:rgb(1, 69, 252)  
}
```

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(1, 69, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 69, 252) }
```

Border

The CSS property to change the border of an element to Yxy 11.2845, 0.1586, 0.0908 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(1, 69, 252) }
```

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

```
.border{ border-color:rgb(1, 69, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 69, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 69, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 69, 252);  
box-shadow:4px 4px 4px 4px rgb(1, 69, 252)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2845, 0.1586, 0.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 69, 252) }
```

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

```
.background{ background-color: rgb(1, 69,  
252) }
```

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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