

Converting Colors

$Yxy(11.6280, 0.1643, 0.1088)$

Have a look what the booklet for
Yxy(11.6280, 0.1643, 0.1088)
contains.

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Color

Yxy(11.6280, 0.1643, 0.1088)

Conversions

Conversions Part 1

Format	Color
Hex	0A50E8
RGB	10, 80, 232
RGB Percent	4%, 31%, 91%
CMY	0.9620, 0.6863, 0.0901
CMYK	0.96, 0.66, 0.00, 0.09
HSL	221°, 92%, 47%
HSV	221°, 96%, 91%
XYZ	17.5596, 11.6280, 77.6874
YIQ	76.3980, -90.5120, 32.4320

Conversions

Conversions Part 2

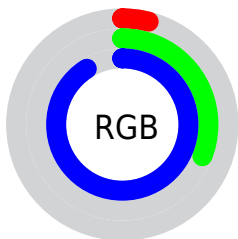
Format	Color
RYB	10, 63, 232
Decimal	676072
CIELab	40.62, 40.72, -81.10
CIElCh	41, 90.747, 296.665
Yxy	11.6280, 0.1643, 0.1088
Android (android.graphics.Color)	4278866152 (0xFF0A50E8)
YUV	76.3980, 76.7118, -58.2310
Hunter-Lab	34.0999, 32.2430, -111.2066

Details

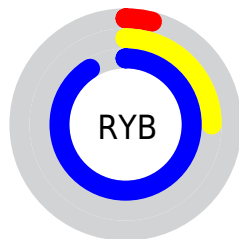
The Yxy color **11.6280, 0.1643, 0.1088** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **42.9239, 0.4851, 0.4506**, and the grayscale version is **7.1562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3000, 0.2071, 0.1678**, and **4.4183, 0.1562, 0.0821** is the 20% darker color. If you saturate the color by 10%, you get **10.6431, 0.1615, 0.1012**, and if you desaturate by 10%, it is **14.4912, 0.1729, 0.1294**.

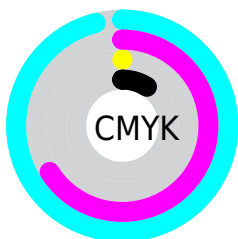
Distribution



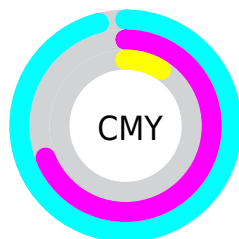
- Red (4%)
- Green (31%)
- Blue (91%)



- Red (4%)
- Yellow (25%)
- Blue (91%)



- Cyan (96%)
- Magenta (66%)
- Yellow (0%)
- Black (9%)





- Cyan (96%)
- Magenta (69%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6280, 0.1643, 0.1088 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 11.6280, 0.1643, 0.1088 by changing the saturation by 10% instead.


 11.6280, 0.1643,
0.1088


 11.6280, 0.1643,
0.1088


201.9268, 0.2462,
0.2148

 6.4909, 0.1440,
0.0871


 28.8157, 0.1946,
0.1444


 3.1458, 0.1192,
0.0630


 41.6352, 0.2059,
0.1588


 1.2083, 0.0894,
0.0378

 57.7842, 0.2155,
0.1713

 0.0685, 0.0564,
0.0036

 77.6472, 0.2235,
0.1823

 0.0000, 0.0007,
0.0000

 101.6086, 0.2305,
0.1919

 0.0000, 0.0000,
0.0000

130.0527, 0.2365,

0.2005

163.3639, 0.2417,
0.2080

■ 11.6280, 0.1643,
0.1088

■ 11.6280, 0.1643,
0.1088

■ 10.6431, 0.1615,
0.1012

■ 14.4912, 0.1729,
0.1294

■ 18.2010, 0.1848,
0.1531

■ 22.8368, 0.1995,
0.1788

■ 28.4666, 0.2162,
0.2052

■ 35.1508, 0.2341,
0.2312

■ 42.9446, 0.2523,
0.2561

■ 51.8990, 0.2703,
0.2792

■ 62.0615, 0.2876,
0.3002

■ 73.4770, 0.3038,
0.3190

Harmonies

Analogous

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



11.6280, 0.0918, 0.1032



11.6280, 0.1643, 0.1088



11.6280, 0.3104, 0.1450

Triad

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



11.6280, 0.1643, 0.1088



11.6280, 0.6241, 0.3759



11.6280, 0.1095, 0.4634

Complementary

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



11.6280, 0.1643, 0.1088



42.9239, 0.4851, 0.4506

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.



11.6280, 0.2164, 0.6950



11.6280, 0.1643, 0.1088



11.6280, 0.5034, 0.4966

Square

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



11.6280, 0.1643, 0.1088



11.6280, 0.6490, 0.2887



11.6280, 0.3547, 0.6453



11.6280, 0.0646, 0.2282

Rectangle

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



11.6280, 0.1643, 0.1088



11.6280, 0.4486, 0.1869



11.6280, 0.3547, 0.6453



11.6280, 0.1392, 0.5634

Sweetspot

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



11.6282, 0.1643, 0.1088



60.4432, 0.2644, 0.2717



60.3898, 0.2540, 0.4324



11.9257, 0.2567, 0.2618



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.



11.6282, 0.1643, 0.1088



13.0518, 0.1612, 0.1004



6.7280, 0.1608, 0.0676



14.6273, 0.2981, 0.3125



6.1066, 0.1622, 0.1041



0.6134, 0.1703, 0.1331

Inverse Universe

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



17.9509, 0.5619, 0.2895



21.8487, 0.5753, 0.2943



68.8647, 0.3875, 0.5287



14.4427, 0.3243, 0.3216



9.8142, 0.5698, 0.2913



0.7416, 0.5284, 0.2684

Previews

White Background



This preview shows how the Yxy color 11.6280, 0.1643, 0.1088 looks on a white background.

Color Contrast Check

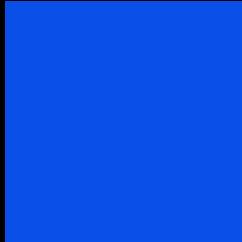
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6280, 0.1643, 0.1088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

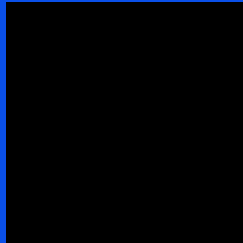
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6280, 0.1643, 0.1088

Background



This preview shows how black text looks on a background with the Yxy color 11.6280, 0.1643, 0.1088.



This preview shows how white text looks on a background with the Yxy color 11.6280, 0.1643, 0.1088.

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

11.6280, 0.1643, 0.1088

Protanopia

11.5493, 0.1747, 0.1487

Deuteranopia

11.4520, 0.1865, 0.1914



Tritanopia

11.4558, 0.2210, 0.3155

Trichromacy



Original Color

11.6280, 0.1643, 0.1088

Protanomaly

11.5593, 0.1704, 0.1320

Deuteranomaly

11.1821, 0.1759, 0.1516

Tritanomaly

10.9418, 0.1905, 0.2035

Monochromacy



Original Color

11.6280, 0.1643, 0.1088

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

7.7313, 0.2114, 0.1968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6280, 0.1643, 0.1088 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(10, 80, 232)` looks like.

```
.text, #text, p{  
    color:rgb(10, 80, 232)  
}
```

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(10, 80, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 80, 232) }
```

Border

The CSS property to change the border of an element to Yxy 11.6280, 0.1643, 0.1088 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(10, 80, 232) }
```

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

```
.border{ border-color:rgb(10, 80, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 80, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 80, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 80, 232);  
box-shadow:4px 4px 4px 4px rgb(10, 80,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6280, 0.1643, 0.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 80, 232) }
```

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

```
.background{ background-color: rgb(10, 80,  
232) }
```

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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