

Converting Colors

$Y_{xy}(11.0089, 0.1757, 0.1165)$

Have a look what the booklet for
Yxy(11.0089, 0.1757, 0.1165)
contains.

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Color

Yxy(11.0744, 0.1759, 0.1170)

Conversions

Conversions Part 1

Format	Color
Hex	354DD9
RGB	53, 77, 217
RGB Percent	21%, 30%, 85%
CMY	0.7922, 0.6981, 0.1489
CMYK	0.76, 0.65, 0.00, 0.15
HSL	231°, 68%, 53%
HSV	231°, 76%, 85%
XYZ	16.6495, 11.0744, 66.9291
YIQ	85.7840, -59.2440, 38.4520

Conversions

Conversions Part 2

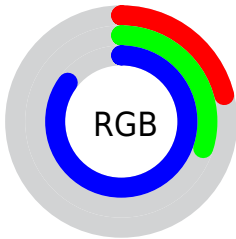
Format	Color
RYB	53, 74, 217
Decimal	3493337
CIELab	39.71, 39.65, -74.01
CIElCh	40, 83.962, 298.182
Yxy	11.0744, 0.1759, 0.1170
Android (android.graphics.Color)	4281683417 (0xFF354DD9)
YUV	85.7840, 64.6895, -28.7516
Hunter-Lab	33.2782, 31.0686, -95.9492

Details

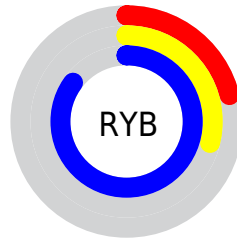
The Yxy color **11.0744, 0.1759, 0.1170** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **53.1730, 0.4294, 0.4722**, and the grayscale version is **9.1275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4268, 0.2138, 0.1671**, and **3.6609, 0.1561, 0.0819** is the 20% darker color. If you saturate the color by 10%, you get **8.3802, 0.1635, 0.0936**, and if you desaturate by 10%, it is **14.7735, 0.1920, 0.1451**.

Distribution



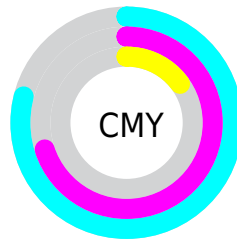
- Red (21%)
- Green (30%)
- Blue (85%)



- Red (21%)
- Yellow (29%)
- Blue (85%)



- Cyan (76%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)





- Cyan (79%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0744, 0.1759, 0.1170 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 11.0744, 0.1759, 0.1170 by changing the saturation by 10% instead.


 11.0744, 0.1759,
0.1170


 11.0744, 0.1759,
0.1170


198.1773, 0.2535,
0.2220


 6.1169, 0.1556,
0.0945


 27.7977, 0.2053,
0.1531


 2.9163, 0.1302,
0.0689

 40.3322, 0.2161,
0.1675


 1.0882, 0.0987,
0.0415

 56.1612, 0.2251,
0.1798

 0.0000, 0.0627,
0.0000

 75.6691, 0.2326,
0.1906

 0.0000, 0.0000,
0.0000

 99.2403, 0.2391,
0.1999

127.2591, 0.2446,

0.2082

160.1100, 0.2494,
0.2155

■ 11.0744, 0.1759,
0.1170

■ 11.0744, 0.1759,
0.1170

■ 8.3802, 0.1635,
0.0936

■ 14.7735, 0.1920,
0.1451

■ 6.5864, 0.1555,
0.0764

■ 19.5657, 0.2106,
0.1760

■ 6.0308, 0.1530,
0.0708

■ 25.5301, 0.2305,
0.2076

■ 32.7380, 0.2505,
0.2384

■ 41.2551, 0.2698,
0.2673

■ 51.1423, 0.2878,
0.2936

■ 62.4569, 0.3043,
0.3171

■ 75.2525, 0.3190,
0.3378

■ 89.5803, 0.3322,
0.3558

Harmonies

Analogous

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



11.0744, 0.1012, 0.1101



11.0744, 0.1759, 0.1170



11.0744, 0.3207, 0.1546

Triad

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



11.0744, 0.1759, 0.1170



11.0744, 0.6123, 0.3877



11.0744, 0.1156, 0.4420

Complementary

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



11.0744, 0.1759, 0.1170



53.1730, 0.4294, 0.4722

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.



11.0744, 0.2199, 0.6664



11.0744, 0.1759, 0.1170



11.0744, 0.4956, 0.5044

Square

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



11.0744, 0.1759, 0.1170



11.0744, 0.6355, 0.2986



11.0744, 0.3561, 0.6439



11.0744, 0.0717, 0.2280

Rectangle

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



11.0744, 0.1759, 0.1170



11.0744, 0.4522, 0.1967



11.0744, 0.3561, 0.6439



11.0744, 0.1444, 0.5339

Sweetspot

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



11.0746, 0.1759, 0.1170



62.6310, 0.2742, 0.2738



54.2253, 0.2410, 0.3645



12.3637, 0.2674, 0.2638



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.



11.0746, 0.1759, 0.1170



10.3169, 0.1580, 0.0821



10.8989, 0.2072, 0.1113



12.9229, 0.2981, 0.3084



3.7434, 0.1535, 0.0724



0.3422, 0.1604, 0.0973

Inverse Universe

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



17.8387, 0.5396, 0.3081



22.1651, 0.6010, 0.3151



57.3353, 0.3641, 0.5234



13.0824, 0.3269, 0.3256



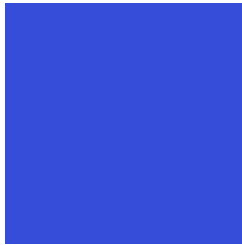
9.0017, 0.6193, 0.3185



0.5932, 0.5800, 0.2969

Previews

White Background



This preview shows how the Yxy color 11.0744, 0.1759, 0.1170 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 11.0744, 0.1759, 0.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

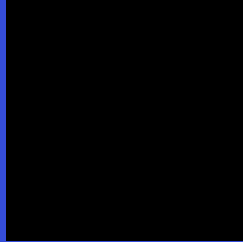
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0744, 0.1759, 0.1170

Background



This preview shows how black text looks on a background with the Yxy color 11.0744, 0.1759, 0.1170.



This preview shows how white text looks on a background with the Yxy color 11.0744, 0.1759, 0.1170.

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

11.0744, 0.1759, 0.1170

Protanopia

10.9865, 0.1749, 0.1496

Tritanopia

10.8263, 0.2194, 0.3100

Trichromacy



Original Color

11.0744, 0.1759, 0.1170

Protanomaly

10.7590, 0.1729, 0.1345

Tritanomaly

10.3138, 0.1942, 0.2066

Monochromacy



Original Color

11.0744, 0.1759, 0.1170

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.3636, 0.2355, 0.2157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0744, 0.1759, 0.1170 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(53, 77, 217)` looks like.

```
.text, #text, p{  
    color:rgb(53, 77, 217)  
}
```

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(53, 77, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 77, 217) }
```

Border

The CSS property to change the border of an element to Yxy 11.0744, 0.1759, 0.1170 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(53, 77, 217) }
```

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

```
.border{ border-color:rgb(53, 77, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 77, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 77, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 77, 217);  
box-shadow:4px 4px 4px 4px rgb(53, 77,  
217) }
```

Background

The CSS property to change the background color of an element to Yxy 11.0744, 0.1759, 0.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 77, 217) }
```

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

```
.background{ background-color: rgb(53, 77,  
217) }
```

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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