

Converting Colors

$Y_{xy}(11.2582, 0.1759, 0.1049)$

Have a look what the booklet for
Yxy(11.2582, 0.1759, 0.1049)
contains.

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Color

Yxy(11.2407, 0.1759, 0.1044)

Conversions

Conversions Part 1

Format	Color
Hex	4245E8
RGB	66, 69, 232
RGB Percent	26%, 27%, 91%
CMY	0.7409, 0.7294, 0.0903
CMYK	0.72, 0.70, 0.00, 0.09
HSL	239°, 78%, 58%
HSV	239°, 72%, 91%
XYZ	18.9391, 11.2407, 77.4898
YIQ	86.6850, -54.1110, 50.0570

Conversions

Conversions Part 2

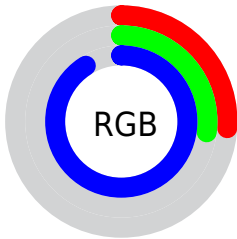
Format	Color
R _Y B	66, 69, 232
Decimal	4343272
CIE Lab	39.98, 50.73, -82.04
CIE LCh	40, 96.461, 301.733
Yxy	11.2407, 0.1759, 0.1044
Android (android.graphics.Color)	4282533352 (0xFF4245E8)
YUV	86.6850, 71.6403, -18.1407
Hunter-Lab	33.5272, 42.1599, -113.5652

Details

The Yxy color **11.2407, 0.1759, 0.1044** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **73.5992, 0.4098, 0.4843**, and the grayscale version is **9.3159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.6479, 0.2200, 0.1622**, and **3.7079, 0.1529, 0.0705** is the 20% darker color. If you saturate the color by 10%, you get **8.3057, 0.1623, 0.0815**, and if you desaturate by 10%, it is **15.5782, 0.1937, 0.1340**.

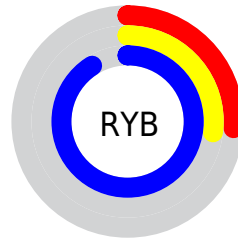
Distribution



Red (26%)

Green (27%)

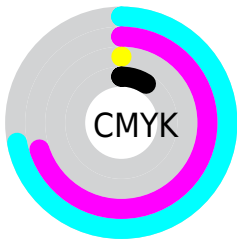
Blue (91%)



Red (26%)

Yellow (27%)

Blue (91%)

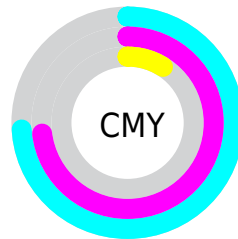


Cyan (72%)

Magenta (70%)

Yellow (0%)

Black (9%)



Cyan (74%)


Magenta (73%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2407, 0.1759, 0.1044 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 11.2407, 0.1759, 0.1044 by changing the saturation by 10% instead.

 11.2407, 0.1759,
0.1044


 11.2407, 0.1759,
0.1044

199.3115, 0.2532,
0.2111


 6.2290, 0.1562,
0.0829


 28.1044, 0.2049,
0.1399


 2.9848, 0.1318,
0.0593


 40.7252, 0.2156,
0.1544


 1.1238, 0.1018,
0.0349

 56.6511, 0.2246,
0.1670

 0.0000, 0.0677,
0.0000

 76.2665, 0.2321,
0.1781

 0.0000, 0.0169,
0.0000

 99.9559, 0.2386,
0.1878

 0.0000, 0.0000,
0.0000

128.1036, 0.2441,

0.1965

161.0940, 0.2489,
0.2042

■ 11.2407, 0.1759,
0.1044

■ 11.2407, 0.1759,
0.1044

■ 8.3057, 0.1623,
0.0815

■ 15.5782, 0.1937,
0.1340

■ 6.5995, 0.1538,
0.0670

■ 21.4630, 0.2142,
0.1679

■ 5.9134, 0.1502,
0.0608

■ 29.0227, 0.2356,
0.2032

■ 38.3713, 0.2568,
0.2378

■ 49.6130, 0.2766,
0.2702

■ 62.8438, 0.2945,
0.2995

■ 78.1535, 0.3105,
0.3254

■ 95.6262, 0.3244,
0.3479

■ 98.6043, 0.3262,
0.3513

Harmonies

Analogous

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



11.2407, 0.0922, 0.0936



11.2407, 0.1759, 0.1044



11.2407, 0.3439, 0.1464

Triad

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



11.2407, 0.1759, 0.1044



11.2407, 0.6152, 0.3848



11.2407, 0.0859, 0.4173

Complementary

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



11.2407, 0.1759, 0.1044



73.5992, 0.4098, 0.4843

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.



11.2407, 0.1824, 0.7054



11.2407, 0.1759, 0.1044



11.2407, 0.4782, 0.5218

Square

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



11.2407, 0.1759, 0.1044



11.2407, 0.6720, 0.2939



11.2407, 0.3189, 0.6811



11.2407, 0.0532, 0.1946

Rectangle

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



11.2407, 0.1759, 0.1044



11.2407, 0.4957, 0.1919



11.2407, 0.3189, 0.6811



11.2407, 0.1108, 0.5281

Sweetspot

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



11.2409, 0.1759, 0.1044



62.1280, 0.2773, 0.2715



64.3695, 0.2343, 0.3360



12.4122, 0.2720, 0.2628



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.



11.2409, 0.1759, 0.1044



9.0792, 0.1575, 0.0733



15.6111, 0.2300, 0.1286



13.9278, 0.2980, 0.3051



3.3031, 0.1503, 0.0611



0.2586, 0.1512, 0.0644

Inverse Universe

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



21.4836, 0.5529, 0.3273



22.6540, 0.6121, 0.3283



65.0118, 0.3497, 0.5255



14.3721, 0.3290, 0.3286



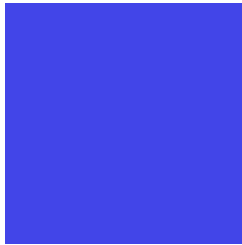
9.5312, 0.6381, 0.3289



0.7058, 0.6326, 0.3259

Previews

White Background



This preview shows how the Yxy color 11.2407, 0.1759, 0.1044 looks on a white background.

Color Contrast Check

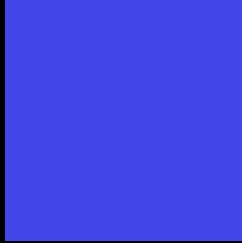
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2407, 0.1759, 0.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

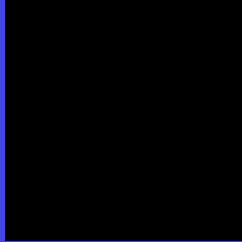
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2407, 0.1759, 0.1044

Background



This preview shows how black text looks on a background with the Yxy color 11.2407, 0.1759, 0.1044.



This preview shows how white text looks on a background with the Yxy color 11.2407, 0.1759, 0.1044.

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

11.2407, 0.1759, 0.1044

Protanopia

11.0300, 0.1747, 0.1488

Deuteranopia

10.9744, 0.1864, 0.1911



Tritanopia

11.0483, 0.2195, 0.3101

Trichromacy



Original Color

11.2407, 0.1759, 0.1044

Protanomaly

10.6366, 0.1714, 0.1265

Deuteranomaly

10.4376, 0.1773, 0.1460

Tritanomaly

10.0429, 0.1911, 0.1913

Monochromacy



Original Color

11.2407, 0.1759, 0.1044

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.2930, 0.2346, 0.2013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2407, 0.1759, 0.1044 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(66, 69, 232)` looks like.

```
.text, #text, p{  
  color:rgb(66, 69, 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(66, 69, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 69, 232) }
```

Border

The CSS property to change the border of an element to Yxy 11.2407, 0.1759, 0.1044 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(66, 69, 232) }
```

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

```
.border{ border-color:rgb(66, 69, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 69, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 69, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 69, 232);  
box-shadow:4px 4px 4px 4px rgb(66, 69,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2407, 0.1759, 0.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 69, 232) }
```

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

```
.background{ background-color: rgb(66, 69,  
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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