

Converting Colors

$Yxy(11.8432, 0.1746, 0.0945)$

Have a look what the booklet for
Yxy(11.8432, 0.1746, 0.0945)
contains.

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Color

Yxy(11.8432, 0.1746, 0.0945)

Conversions

Conversions Part 1

Format	Color
Hex	4B3EFA
RGB	75, 62, 250
RGB Percent	29%, 24%, 98%
CMY	0.7059, 0.7569, 0.0195
CMYK	0.70, 0.75, 0.00, 0.02
HSL	244°, 95%, 61%
HSV	244°, 75%, 98%
XYZ	21.8817, 11.8432, 91.5999
YIQ	87.3190, -52.6000, 61.2240

Conversions

Conversions Part 2

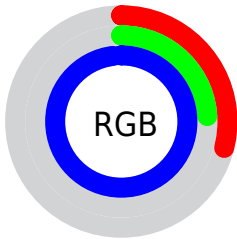
Format	Color
R _Y B	75, 62, 250
Decimal	4931322
CIE Lab	40.97, 60.90, -90.59
CIE LCh	41, 109.155, 303.913
Yxy	11.8432, 0.1746, 0.0945
Android (android.graphics.Color)	4283121402 (0xFF4B3EFA)
YUV	87.3190, 80.2017, -10.8038
Hunter-Lab	34.4140, 53.2728, -133.7230

Details

The Yxy color **11.8432, 0.1746, 0.0945** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **86.7489, 0.4015, 0.4975**, and the grayscale version is **9.4342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.1412, 0.2259, 0.1586**, and **4.0011, 0.1508, 0.0628** is the 20% darker color. If you saturate the color by 10%, you get **8.9487, 0.1618, 0.0749**, and if you desaturate by 10%, it is **16.3304, 0.1916, 0.1216**.

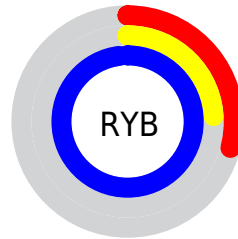
Distribution



Red (29%)

Green (24%)

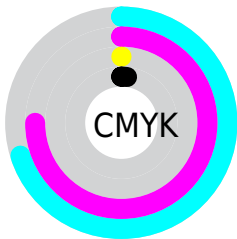
Blue (98%)



Red (29%)

Yellow (24%)

Blue (98%)

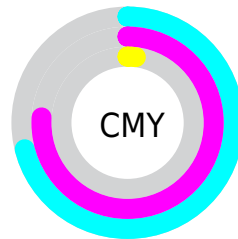


Cyan (70%)

Magenta (75%)

Yellow (0%)

Black (2%)



Cyan (71%)


Magenta (76%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8432, 0.1746, 0.0945 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 11.8432, 0.1746, 0.0945 by changing the saturation by 10% instead.


 11.8432, 0.1746,
0.0945


 11.8432, 0.1746,
0.0945


203.3645, 0.2516,
0.2010


 6.6370, 0.1556,
0.0744


 29.2092, 0.2030,
0.1288


 3.2361, 0.1323,
0.0527


 42.1378, 0.2137,
0.1431

 1.2562, 0.1042,
0.0310

 58.4093, 0.2226,
0.1558

 0.1069, 0.0722,
0.0042

 78.4081, 0.2302,
0.1670

 0.0000, 0.0352,
0.0000

 102.5187, 0.2368,
0.1769

 0.0000, 0.0000,
0.0000

 131.1253, 0.2424,

0.1858

164.6124, 0.2473,
0.1938

■ 11.8432, 0.1746,
0.0945

■ 11.8432, 0.1746,
0.0945

■ 8.9487, 0.1618,
0.0749

■ 16.3304, 0.1916,
0.1216

■ 7.4196, 0.1538,
0.0638

■ 22.5952, 0.2113,
0.1539

■ 7.0258, 0.1516,
0.0609

■ 30.7976, 0.2321,
0.1889

■ 41.0797, 0.2527,
0.2240

■ 53.5701, 0.2722,
0.2575

■ 68.3872, 0.2898,
0.2884

■ 85.6408, 0.3054,
0.3160

■ 99.6840, 0.3156,
0.3337

Harmonies

Analogous

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



11.8432, 0.0849, 0.0816



11.8432, 0.1746, 0.0945



11.8432, 0.3618, 0.1390

Triad

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



11.8432, 0.1746, 0.0945



11.8432, 0.6189, 0.3811



11.8432, 0.0650, 0.3969

Complementary

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



11.8432, 0.1746, 0.0945



86.7489, 0.4015, 0.4975

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.



11.8432, 0.1525, 0.7399



11.8432, 0.1746, 0.0945



11.8432, 0.4643, 0.5357

Square

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



11.8432, 0.1746, 0.0945



11.8432, 0.6975, 0.2861



11.8432, 0.2878, 0.7122



11.8432, 0.0407, 0.1704

Rectangle

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



11.8432, 0.1746, 0.0945



11.8432, 0.5307, 0.1862



11.8432, 0.2878, 0.7122



11.8432, 0.0863, 0.5229

Sweetspot

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



11.8434, 0.1746, 0.0945



59.1928, 0.2762, 0.2645



68.7830, 0.2262, 0.3132



11.5589, 0.2695, 0.2529



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.



11.8434, 0.1746, 0.0945



8.4156, 0.1573, 0.0684



18.7331, 0.2411, 0.1281



16.7003, 0.2989, 0.3045



3.7470, 0.1521, 0.0612



0.3664, 0.1571, 0.0639

Inverse Universe

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



29.8904, 0.3335, 0.1766



28.2172, 0.3372, 0.1664



74.6200, 0.3377, 0.5423



17.5026, 0.3149, 0.3072



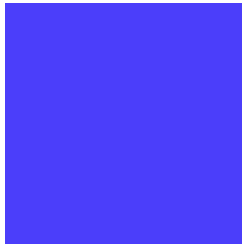
13.9017, 0.3391, 0.1642



1.2936, 0.3367, 0.1628

Previews

White Background



This preview shows how the Yxy color 11.8432, 0.1746, 0.0945 looks on a white background.

Color Contrast Check

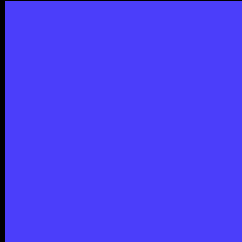
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8432, 0.1746, 0.0945 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 11.8432, 0.1746, 0.0945

Background



This preview shows how black text looks on a background with the Yxy color 11.8432, 0.1746, 0.0945.



This preview shows how white text looks on a background with the Yxy color 11.8432, 0.1746, 0.0945.

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

11.8432, 0.1746, 0.0945

Protanopia

11.5493, 0.1747, 0.1487

Deuteranopia

11.6769, 0.1867, 0.1922



Tritanopia

11.5003, 0.2196, 0.3104

Trichromacy



Original Color

11.8432, 0.1746, 0.0945

Protanomaly

10.9729, 0.1699, 0.1200

Deuteranomaly

10.9198, 0.1755, 0.1383

Tritanomaly

10.1897, 0.1882, 0.1789

Monochromacy



Original Color

11.8432, 0.1746, 0.0945

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.3631, 0.2331, 0.1902

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8432, 0.1746, 0.0945 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(75, 62, 250)` looks like.

```
.text, #text, p{  
    color:rgb(75, 62, 250)  
}
```

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(75, 62, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 62, 250) }
```

Border

The CSS property to change the border of an element to Yxy 11.8432, 0.1746, 0.0945 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(75, 62, 250) }
```

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

```
.border{ border-color:rgb(75, 62, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 62, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 62, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 62, 250);  
box-shadow:4px 4px 4px 4px rgb(75, 62,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8432, 0.1746, 0.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 62, 250) }
```

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

```
.background{ background-color: rgb(75, 62,  
250) }
```

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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