

Converting Colors

$Y_{xy}(15.1145, 0.2250, 0.1725)$

Have a look what the booklet for
Yxy(15.1145, 0.2250, 0.1725)
contains.

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Color

Yxy(15.1436, 0.2251, 0.1724)

Conversions

Conversions Part 1

Format	Color
Hex	6A5FC2
RGB	106, 95, 194
RGB Percent	42%, 37%, 76%
CMY	0.5844, 0.6274, 0.2392
CMYK	0.45, 0.51, 0.00, 0.24
HSL	247°, 45%, 57%
HSV	247°, 51%, 76%
XYZ	19.7728, 15.1436, 52.9235
YIQ	109.5750, -25.2230, 33.1210

Conversions

Conversions Part 2

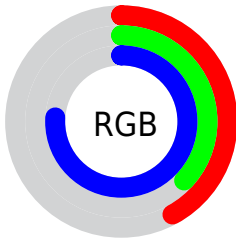
Format	Color
R _{YB}	106, 95, 194
Decimal	6971330
CIE Lab	45.83, 29.75, -50.65
CIE LCh	46, 58.741, 300.434
Yxy	15.1436, 0.2251, 0.1724
Android (android.graphics.Color)	4285161410 (0xFF6A5FC2)
YUV	109.5750, 41.6215, -3.1353
Hunter-Lab	38.9148, 22.5957, -53.3932

Details

The Yxy color **15.1436, 0.2251, 0.1724** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **49.4833, 0.3765, 0.4556**, and the grayscale version is **15.3494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2042, 0.2453, 0.2028**, and **4.6603, 0.1904, 0.1258** is the 20% darker color. If you saturate the color by 10%, you get **11.1209, 0.2053, 0.1393**, and if you desaturate by 10%, it is **20.2501, 0.2451, 0.2068**.

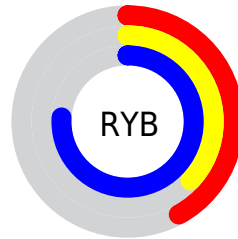
Distribution



Red (42%)

Green (37%)

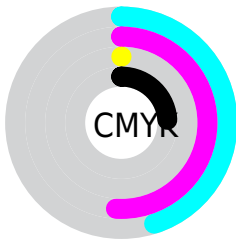
Blue (76%)



Red (42%)

Yellow (37%)

Blue (76%)

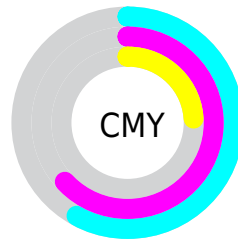


Cyan (45%)

Magenta (51%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (63%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.1436, 0.2251, 0.1724 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 15.1436, 0.2251, 0.1724 by changing the saturation by 10% instead.

■ 15.1436, 0.2251,
0.1724

■ 15.1436, 0.2251,
0.1724

■ 224.2338, 0.2759,
0.2540

■ 8.9202, 0.2105,
0.1522

■ 35.1049, 0.2451,
0.2022

■ 4.6892, 0.1909,
0.1270

■ 49.6116, 0.2522,
0.2134

■ 2.0661, 0.1638,
0.0957

■ 67.6482, 0.2579,
0.2229

■ 0.6454, 0.1261,
0.0563

■ 89.5992, 0.2627,
0.2310

■ 0.0000, 0.0557,
0.0000

■ 115.8488, 0.2668,
0.2379

■ 0.0000, 0.0000,
0.0000

146.7815, 0.2703,

0.2440

182.7817, 0.2733,
0.2493

■ 15.1436, 0.2251,
0.1724

■ 15.1436, 0.2251,
0.1724

■ 11.1209, 0.2053,
0.1393

■ 20.2501, 0.2451,
0.2068

■ 8.1017, 0.1870,
0.1098

■ 26.5098, 0.2642,
0.2404

■ 5.9972, 0.1716,
0.0863

■ 33.9878, 0.2818,
0.2720

■ 4.7020, 0.1603,
0.0704

■ 42.7442, 0.2976,
0.3008

■ 4.0605, 0.1538,
0.0621

■ 52.8350, 0.3114,
0.3265

■ 64.3128, 0.3234,
0.3492

■ 77.2275, 0.3337,
0.3689

■ 91.6265, 0.3425,
0.3860

■ 96.6754, 0.3490,
0.3890

Harmonies

Analogous

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



15.1436, 0.1587, 0.1662



15.1436, 0.2251, 0.1724



15.1436, 0.3317, 0.2062

Triad

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



15.1436, 0.2251, 0.1724



15.1436, 0.5289, 0.4083



15.1436, 0.1764, 0.3917

Complementary

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



15.1436, 0.2251, 0.1724



49.4833, 0.3765, 0.4556

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.



15.1436, 0.2611, 0.5202



15.1436, 0.2251, 0.1724



15.1436, 0.4626, 0.4892

Square

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



15.1436, 0.2251, 0.1724



15.1436, 0.5322, 0.3323



15.1436, 0.3654, 0.5483



15.1436, 0.1335, 0.2643

Rectangle

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



15.1436, 0.2251, 0.1724



15.1436, 0.4151, 0.2421



15.1436, 0.3654, 0.5483



15.1436, 0.2006, 0.4402

Sweetspot

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



15.1441, 0.2251, 0.1724



70.4718, 0.2912, 0.2891



40.6539, 0.2442, 0.3139



14.6888, 0.2878, 0.2829



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.



15.1441, 0.2251, 0.1724



19.5591, 0.2035, 0.1363



18.9907, 0.2737, 0.1909



9.8003, 0.3000, 0.3053



2.6878, 0.1544, 0.0624



0.1344, 0.1684, 0.0701

Inverse Universe

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



23.0755, 0.3311, 0.2189



35.6199, 0.3358, 0.2001



44.5312, 0.3343, 0.4758



10.2277, 0.3154, 0.3088



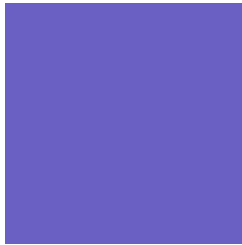
9.5188, 0.3507, 0.1705



0.4169, 0.3432, 0.1664

Previews

White Background



This preview shows how the Yxy color 15.1436, 0.2251, 0.1724 looks on a white background.

Color Contrast Check

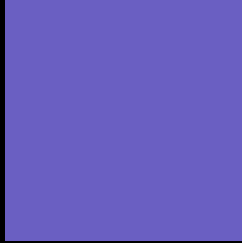
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1436, 0.2251, 0.1724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

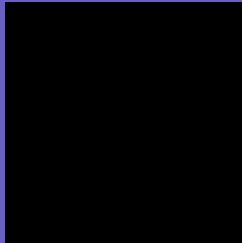
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1436, 0.2251, 0.1724

Background



This preview shows how black text looks on a background with the Yxy color 15.1436, 0.2251, 0.1724.



This preview shows how white text looks on a background with the Yxy color 15.1436, 0.2251, 0.1724.

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

15.1436, 0.2251, 0.1724

Protanopia

15.2750, 0.1906, 0.1661

Deuteranopia

15.3068, 0.1909, 0.1856



Tritanopia

15.2416, 0.2711, 0.3095

Trichromacy



Original Color

15.1436, 0.2251, 0.1724

Protanomaly

14.9333, 0.2002, 0.1670

Deuteranomaly

14.9331, 0.1986, 0.1791

Tritanomaly

14.8259, 0.2518, 0.2470

Monochromacy



Original Color

15.1436, 0.2251, 0.1724

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.2774, 0.2752, 0.2601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1436, 0.2251, 0.1724 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(106, 95, 194)` looks like.

```
.text, #text, p{  
    color:rgb(106, 95, 194)  
}
```

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(106, 95, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 95, 194) }
```

Border

The CSS property to change the border of an element to Yxy 15.1436, 0.2251, 0.1724 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(106, 95, 194) }
```

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

```
.border{ border-color:rgb(106, 95, 194) }
```

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

Here you see how a box with a 4 pixel rgb(106, 95, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 95, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 95, 194);  
box-shadow:4px 4px 4px 4px rgb(106, 95,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1436, 0.2251, 0.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 95, 194) }
```

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

```
.background{ background-color: rgb(106, 95,  
194) }
```

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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