

Converting Colors

$Yxy(15.6374, 0.2256, 0.1673)$

Have a look what the booklet for
Yxy(15.6374, 0.2256, 0.1673)
contains.

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Color

Yxy(15.5550, 0.2254, 0.1671)

Conversions

Conversions Part 1

Format	Color
Hex	6F5EC8
RGB	111, 94, 200
RGB Percent	44%, 37%, 78%
CMY	0.5648, 0.6313, 0.2156
CMYK	0.45, 0.53, 0.00, 0.22
HSL	250°, 49%, 58%
HSV	250°, 53%, 78%
XYZ	20.9820, 15.5550, 56.5509
YIQ	111.1670, -23.8940, 36.5700

Conversions

Conversions Part 2

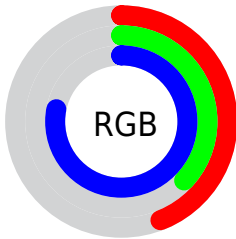
Format	Color
R _Y B	111, 94, 200
Decimal	7298760
CIE Lab	46.39, 33.28, -53.20
CIE LCh	46, 62.757, 302.029
Yxy	15.5550, 0.2254, 0.1671
Android (android.graphics.Color)	4285488840 (0xFF6F5EC8)
YUV	111.1670, 43.7947, -0.1465
Hunter-Lab	39.4398, 25.9425, -57.4053

Details

The Yxy color **15.5550, 0.2254, 0.1671** 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 **52.1996, 0.3741, 0.4625**, and the grayscale version is **15.8224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6863, 0.2465, 0.1994**, and **4.8616, 0.1920, 0.1220** is the 20% darker color. If you saturate the color by 10%, you get **11.4581, 0.2062, 0.1349**, and if you desaturate by 10%, it is **20.7795, 0.2448, 0.2009**.

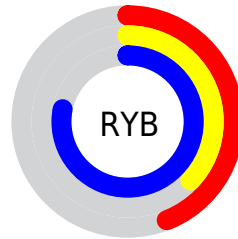
Distribution



Red (44%)

Green (37%)

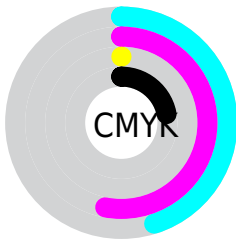
Blue (78%)



Red (44%)

Yellow (37%)

Blue (78%)

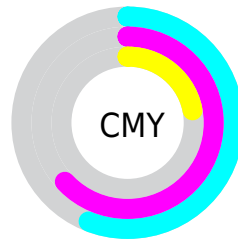


Cyan (45%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (63%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.5550, 0.2254, 0.1671 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 15.5550, 0.2254, 0.1671 by changing the saturation by 10% instead.

■ 15.5550, 0.2254,
0.1671

■ 15.5550, 0.2254,
0.1671

226.7013, 0.2759,
0.2503

■ 9.2098, 0.2110,
0.1470

■ 35.8239, 0.2452,
0.1972

■ 4.8783, 0.1918,
0.1221

■ 50.5164, 0.2522,
0.2086

■ 2.1760, 0.1654,
0.0916

■ 68.7602, 0.2580,
0.2182

■ 0.7069, 0.1288,
0.0548

■ 90.9396, 0.2628,
0.2265

■ 0.0000, 0.0712,
0.0000

117.4390, 0.2668,
0.2337

■ 0.0000, 0.0000,
0.0000

148.6428, 0.2703,

0.2399

184.9355, 0.2733,
0.2454

■ 15.5550, 0.2254,
0.1671

■ 15.5550, 0.2254,
0.1671

■ 11.4581, 0.2062,
0.1349

■ 20.7795, 0.2448,
0.2009

■ 8.4029, 0.1884,
0.1067

■ 27.2057, 0.2633,
0.2344

■ 6.2936, 0.1734,
0.0846

■ 34.9030, 0.2804,
0.2662

■ 5.0154, 0.1621,
0.0700

■ 43.9352, 0.2956,
0.2954

■ 4.4781, 0.1565,
0.0636

■ 54.3617, 0.3090,
0.3217

■ 66.2384, 0.3207,
0.3450

■ 79.6181, 0.3306,
0.3654

■ 94.5509, 0.3391,
0.3832

■ 96.9510, 0.3454,
0.3830

Harmonies

Analogous

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



15.5550, 0.1548, 0.1589



15.5550, 0.2254, 0.1671



15.5550, 0.3391, 0.2034

Triad

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



15.5550, 0.2254, 0.1671



15.5550, 0.5359, 0.4129



15.5550, 0.1657, 0.3867

Complementary

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



15.5550, 0.2254, 0.1671



52.1996, 0.3741, 0.4625

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.



15.5550, 0.2512, 0.5283



15.5550, 0.2254, 0.1671



15.5550, 0.4622, 0.4985

Square

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



15.5550, 0.2254, 0.1671



15.5550, 0.5460, 0.3342



15.5550, 0.3592, 0.5618



15.5550, 0.1247, 0.2541

Rectangle

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



15.5550, 0.2254, 0.1671



15.5550, 0.4275, 0.2410



15.5550, 0.3592, 0.5618



15.5550, 0.1897, 0.4391

Sweetspot

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



15.5555, 0.2254, 0.1671



70.7439, 0.2909, 0.2863



40.8807, 0.2405, 0.3052



14.4358, 0.2877, 0.2802



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.



15.5555, 0.2254, 0.1671



18.6850, 0.2027, 0.1292



19.9555, 0.2774, 0.1875



10.3676, 0.3007, 0.3053



2.8726, 0.1573, 0.0640



0.1624, 0.1749, 0.0737

Inverse Universe

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



23.7101, 0.3382, 0.2204



34.5306, 0.3455, 0.2016



46.9595, 0.3305, 0.4842



10.7863, 0.3162, 0.3098



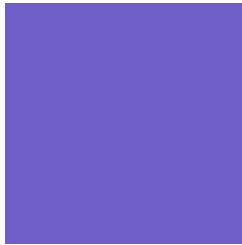
9.6163, 0.3655, 0.1787



0.4634, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 15.5550, 0.2254, 0.1671 looks on a white background.

Color Contrast Check

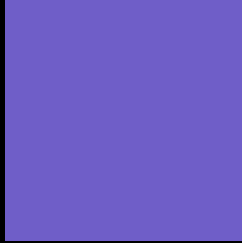
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5550, 0.2254, 0.1671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

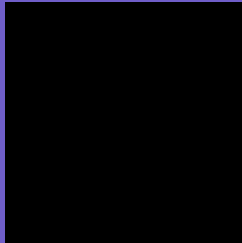
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5550, 0.2254, 0.1671

Background



This preview shows how black text looks on a background with the Yxy color 15.5550, 0.2254, 0.1671.



This preview shows how white text looks on a background with the Yxy color 15.5550, 0.2254, 0.1671.

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

15.5550, 0.2254, 0.1671

Protanopia

15.7165, 0.1851, 0.1586

Deuteranopia

15.7935, 0.1873, 0.1828



Tritanopia

15.4645, 0.2745, 0.3077

Trichromacy



Original Color

15.5550, 0.2254, 0.1671

Protanomaly

15.3589, 0.1951, 0.1605

Deuteranomaly

15.0042, 0.1941, 0.1732

Tritanomaly

15.1391, 0.2533, 0.2431

Monochromacy



Original Color

15.5550, 0.2254, 0.1671

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.4658, 0.2755, 0.2572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5550, 0.2254, 0.1671 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(111, 94, 200)` looks like.

```
.text, #text, p{  
    color:rgb(111, 94, 200)  
}
```

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(111, 94, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 200) }
```

Border

The CSS property to change the border of an element to Yxy 15.5550, 0.2254, 0.1671 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(111, 94, 200) }
```

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

```
.border{ border-color:rgb(111, 94, 200) }
```

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

Here you see how a box with a 4 pixel rgb(111, 94, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 94, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 94, 200);  
box-shadow:4px 4px 4px 4px rgb(111, 94,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5550, 0.2254, 0.1671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 200) }
```

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

```
.background{ background-color: rgb(111, 94,  
200) }
```

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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