

Converting Colors

$Y_{xy}(15.4779, 0.2366, 0.1729)$

Have a look what the booklet for
Yxy(15.4779, 0.2366, 0.1729)
contains.

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Color

Yxy(15.4713, 0.2364, 0.1728)

Conversions

Conversions Part 1

Format	Color
Hex	775CC2
RGB	119, 92, 194
RGB Percent	47%, 36%, 76%
CMY	0.5335, 0.6391, 0.2393
CMYK	0.39, 0.53, 0.00, 0.24
HSL	256°, 46%, 56%
HSV	256°, 53%, 76%
XYZ	21.1656, 15.4713, 52.8961
YIQ	111.7010, -16.6500, 37.4460

Conversions

Conversions Part 2

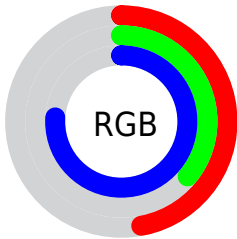
Format	Color
RYB	119, 92, 194
Decimal	7822530
CIELab	46.27, 34.65, -49.86
CIElCh	46, 60.712, 304.796
Yxy	15.4713, 0.2364, 0.1728
Android (android.graphics.Color)	4286012610 (0xFF775CC2)
YUV	111.7010, 40.5734, 6.4012
Hunter-Lab	39.3336, 27.2180, -52.2001

Details

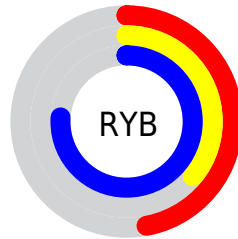
The Yxy color **15.4713, 0.2364, 0.1728** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **47.5676, 0.3641, 0.4659**, and the grayscale version is **15.9940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7239, 0.2546, 0.2025**, and **4.8602, 0.2050, 0.1279** is the 20% darker color. If you saturate the color by 10%, you get **11.5946, 0.2186, 0.1417**, and if you desaturate by 10%, it is **20.3612, 0.2539, 0.2053**.

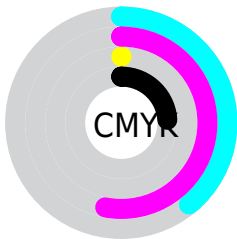
Distribution



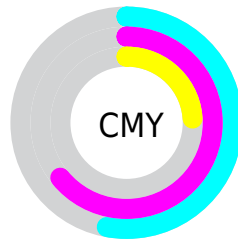
- Red (47%)
- Green (36%)
- Blue (76%)



- Red (47%)
- Yellow (36%)
- Blue (76%)



- Cyan (39%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.4713, 0.2364, 0.1728 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 15.4713, 0.2364, 0.1728 by changing the saturation by 10% instead.

■ 15.4713, 0.2364,
0.1728

■ 15.4713, 0.2364,
0.1728

226.2014, 0.2812,
0.2536

■ 9.1508, 0.2232,
0.1529

■ 35.6779, 0.2542,
0.2022

■ 4.8397, 0.2054,
0.1282

■ 50.3328, 0.2605,
0.2133

■ 2.1535, 0.1803,
0.0973

■ 68.5346, 0.2656,
0.2227

■ 0.6945, 0.1444,
0.0591

■ 90.6677, 0.2698,
0.2307

■ 0.0000, 0.0851,
0.0000

117.1166, 0.2733,
0.2376

■ 0.0000, 0.0000,
0.0000

148.2656, 0.2764,

0.2436

184.4990, 0.2790,
0.2489

■ 15.4713, 0.2364,
0.1728

■ 15.4713, 0.2364,
0.1728

■ 11.5946, 0.2186,
0.1417

■ 20.3612, 0.2539,
0.2053

■ 8.6556, 0.2015,
0.1142

■ 26.3288, 0.2703,
0.2376

■ 6.5706, 0.1860,
0.0920

■ 33.4353, 0.2852,
0.2684

■ 5.2396, 0.1733,
0.0765

■ 41.7367, 0.2985,
0.2969

■ 4.6040, 0.1657,
0.0687

■ 51.2853, 0.3100,
0.3228

■ 62.1302, 0.3200,
0.3460

■ 74.3178, 0.3284,
0.3665

■ 87.8923, 0.3356,
0.3846

■ 95.2652, 0.3439,
0.3900

Harmonies

Analogous

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



15.4713, 0.1630, 0.1622



15.4713, 0.2364, 0.1728



15.4713, 0.3504, 0.2109

Triad

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



15.4713, 0.2364, 0.1728



15.4713, 0.5264, 0.4203



15.4713, 0.1641, 0.3714

Complementary

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



15.4713, 0.2364, 0.1728



47.5676, 0.3641, 0.4659

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.



15.4713, 0.2446, 0.5116



15.4713, 0.2364, 0.1728



15.4713, 0.4515, 0.5030

Square

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



15.4713, 0.2364, 0.1728



15.4713, 0.5421, 0.3421



15.4713, 0.3498, 0.5570



15.4713, 0.1272, 0.2480

Rectangle

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



15.4713, 0.2364, 0.1728



15.4713, 0.4356, 0.2492



15.4713, 0.3498, 0.5570



15.4713, 0.1864, 0.4216

Sweetspot

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



15.4718, 0.2364, 0.1728



69.8174, 0.2938, 0.2867



34.3573, 0.2378, 0.2893



14.5948, 0.2910, 0.2807



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.



15.4718, 0.2364, 0.1728



20.1425, 0.2161, 0.1375



19.9317, 0.2893, 0.1934



9.8738, 0.3023, 0.3055



3.0623, 0.1669, 0.0693



0.1672, 0.1917, 0.0829

Inverse Universe

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



21.9172, 0.3515, 0.2331



33.3550, 0.3632, 0.2165



43.1644, 0.3226, 0.4864



10.2006, 0.3177, 0.3122



8.8539, 0.4004, 0.1979



0.3934, 0.3789, 0.1861

Previews

White Background



This preview shows how the Yxy color 15.4713, 0.2364, 0.1728 looks on a white background.

Color Contrast Check

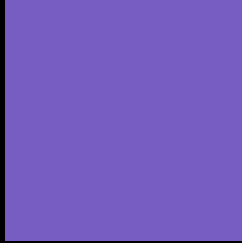
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4713, 0.2364, 0.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

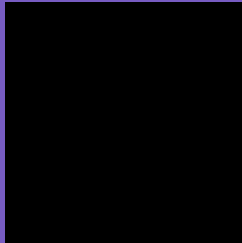
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4713, 0.2364, 0.1728

Background



This preview shows how black text looks on a background with the Yxy color 15.4713, 0.2364, 0.1728.



This preview shows how white text looks on a background with the Yxy color 15.4713, 0.2364, 0.1728.

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

15.4713, 0.2364, 0.1728

Protanopia

15.6190, 0.1888, 0.1638

Deuteranopia

15.6674, 0.1948, 0.1895



Tritanopia

15.5256, 0.2916, 0.3124

Trichromacy



Original Color

15.4713, 0.2364, 0.1728

Protanomaly

15.1969, 0.2007, 0.1649

Deuteranomaly

15.0787, 0.2049, 0.1806

Tritanomaly

15.1641, 0.2687, 0.2496

Monochromacy



Original Color

15.4713, 0.2364, 0.1728

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.7010, 0.2814, 0.2598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4713, 0.2364, 0.1728 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(119, 92, 194)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 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(119, 92, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 194) }
```

Border

The CSS property to change the border of an element to Yxy 15.4713, 0.2364, 0.1728 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(119, 92, 194) }
```

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

```
.border{ border-color:rgb(119, 92, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 92, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 194);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4713, 0.2364, 0.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 194) }
```

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

```
.background{ background-color: rgb(119, 92,  
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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