

Converting Colors

$Y_{xy}(17.4753, 0.2164, 0.1881)$

Have a look what the booklet for
Yxy(17.4753, 0.2164, 0.1881)
contains.

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Color

Yxy(17.4584, 0.2166, 0.1884)

Conversions

Conversions Part 1

Format	Color
Hex	5C6EC5
RGB	92, 110, 197
RGB Percent	36%, 43%, 77%
CMY	0.6390, 0.5687, 0.2274
CMYK	0.53, 0.44, 0.00, 0.23
HSL	230°, 48%, 57%
HSV	230°, 53%, 77%
XYZ	20.0716, 17.4584, 55.1367
YIQ	114.5360, -38.6550, 23.2410

Conversions

Conversions Part 2

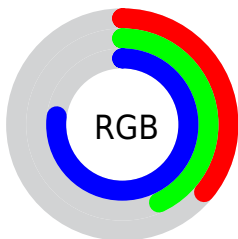
Format	Color
R _{YB}	92, 107, 197
Decimal	6057669
CIE Lab	48.83, 18.30, -47.63
CIE LCh	49, 51.027, 291.015
Yxy	17.4584, 0.2166, 0.1884
Android (android.graphics.Color)	4284247749 (0xFF5C6EC5)
YUV	114.5360, 40.6548, -19.7641
Hunter-Lab	41.7833, 12.6261, -48.9901

Details

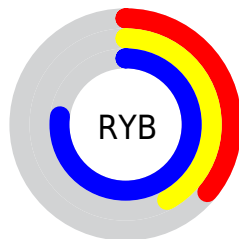
The Yxy color **17.4584, 0.2166, 0.1884** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **44.9127, 0.4003, 0.4375**, and the grayscale version is **16.8839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0351, 0.2376, 0.2155**, and **5.7994, 0.1821, 0.1458** is the 20% darker color. If you saturate the color by 10%, you get **13.3669, 0.1979, 0.1579**, and if you desaturate by 10%, it is **22.4645, 0.2362, 0.2190**.

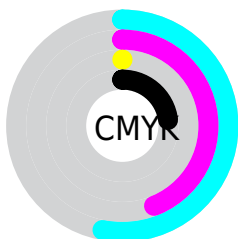
Distribution



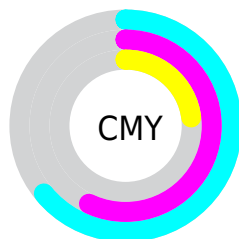
- Red (36%)
- Green (43%)
- Blue (77%)



- Red (36%)
- Yellow (42%)
- Blue (77%)



- Cyan (53%)
- Magenta (44%)
- Yellow (0%)
- Black (23%)



- Cyan (64%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4584, 0.2166, 0.1884 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 17.4584, 0.2166, 0.1884 by changing the saturation by 10% instead.

■ 17.4584, 0.2166,
0.1884

■ 17.4584, 0.2166,
0.1884

237.8003, 0.2704,
0.2623

■ 10.5619, 0.2018,
0.1697

■ 39.1123, 0.2373,
0.2157

■ 5.7730, 0.1822,
0.1461

■ 54.6384, 0.2448,
0.2258

■ 2.7076, 0.1557,
0.1160

■ 73.8098, 0.2509,
0.2343

■ 0.9810, 0.1193,
0.0782

■ 97.0109, 0.2561,
0.2416

■ 0.0000, 0.0572,
0.0000

124.6261, 0.2605,
0.2479

■ 0.0000, 0.0000,
0.0000

157.0398, 0.2642,

0.2533

194.6364, 0.2675,
0.2581

■ 17.4584, 0.2166,
0.1884

■ 17.4584, 0.2166,
0.1884

■ 13.3669, 0.1979,
0.1579

■ 22.4645, 0.2362,
0.2190

■ 10.1317, 0.1813,
0.1293

■ 28.4352, 0.2558,
0.2484

■ 7.6900, 0.1678,
0.1043

■ 35.4188, 0.2745,
0.2757

■ 5.9693, 0.1584,
0.0846

■ 43.4597, 0.2919,
0.3004

■ 5.1562, 0.1541,
0.0747

■ 52.6000, 0.3078,
0.3224

■ 62.8790, 0.3222,
0.3417

■ 74.3345, 0.3350,
0.3586

■ 87.0021, 0.3464,
0.3732

■ 96.8114, 0.3472,
0.3860

Harmonies

Analogous

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



17.4584, 0.1677, 0.1924



17.4584, 0.2166, 0.1884



17.4584, 0.2988, 0.2111

Triad

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



17.4584, 0.2166, 0.1884



17.4584, 0.5047, 0.3832



17.4584, 0.2185, 0.4174

Complementary

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



17.4584, 0.2166, 0.1884



44.9127, 0.4003, 0.4375

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.



17.4584, 0.3010, 0.5013



17.4584, 0.2166, 0.1884



17.4584, 0.4670, 0.4516

Square

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



17.4584, 0.2166, 0.1884



17.4584, 0.4822, 0.3164



17.4584, 0.3915, 0.5047



17.4584, 0.1665, 0.3069

Rectangle

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



17.4584, 0.2166, 0.1884



17.4584, 0.3665, 0.2391



17.4584, 0.3915, 0.5047



17.4584, 0.2435, 0.4524

Sweetspot

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



17.4590, 0.2166, 0.1884



73.3499, 0.2869, 0.2933



45.4169, 0.2554, 0.3580



15.0473, 0.2833, 0.2882



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.



17.4590, 0.2166, 0.1884



22.8428, 0.1949, 0.1528



16.0771, 0.2404, 0.1724



10.5756, 0.2983, 0.3093



3.4767, 0.1545, 0.0763



0.2580, 0.1643, 0.1115

Inverse Universe

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



20.6602, 0.4396, 0.3061



30.2282, 0.4861, 0.3035



48.5756, 0.3598, 0.4703



10.6660, 0.3263, 0.3251



7.8910, 0.6129, 0.3150



0.3831, 0.5588, 0.2852

Previews

White Background



This preview shows how the Yxy color 17.4584, 0.2166, 0.1884 looks on a white background.

Color Contrast Check

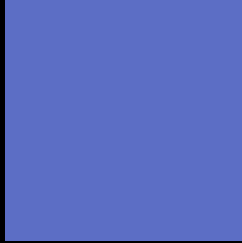
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4584, 0.2166, 0.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

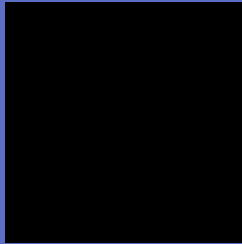
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.4584, 0.2166, 0.1884

Background



This preview shows how black text looks on a background with the Yxy color 17.4584, 0.2166, 0.1884.



This preview shows how white text looks on a background with the Yxy color 17.4584, 0.2166, 0.1884.

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

17.4584, 0.2166, 0.1884

Protanopia

17.5582, 0.2064, 0.1869

Deuteranopia

17.5925, 0.2009, 0.1962



Tritanopia

17.4386, 0.2478, 0.3078

Trichromacy



Original Color

17.4584, 0.2166, 0.1884

Protanomaly

17.5057, 0.2095, 0.1873

Deuteranomaly

17.3597, 0.2052, 0.1917

Tritanomaly

17.2477, 0.2346, 0.2557

Monochromacy



Original Color

17.4584, 0.2166, 0.1884

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.9804, 0.2701, 0.2686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4584, 0.2166, 0.1884 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(92, 110, 197)` looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 197)  
}
```

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(92, 110, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 197) }
```

Border

The CSS property to change the border of an element to Yxy 17.4584, 0.2166, 0.1884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

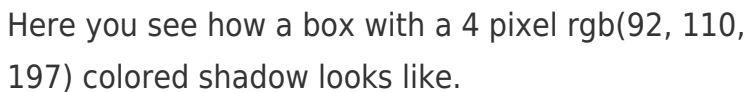
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 110, 197) }
```

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

```
.border{ border-color:rgb(92, 110, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 110, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 110, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 110, 197); box-shadow:4px 4px 4px 4px rgb(92, 110, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4584, 0.2166, 0.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 197) }
```

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

```
.background{ background-color: rgb(92, 110,  
197) }
```

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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