

Converting Colors

$Y_{xy}(14.0577, 0.2079, 0.1615)$

Have a look what the booklet for
Yxy(14.0577, 0.2079, 0.1615)
contains.

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Color

Yxy(14.1573, 0.2081, 0.1617)

Conversions

Conversions Part 1

Format	Color
Hex	585EC6
RGB	88, 94, 198
RGB Percent	35%, 37%, 78%
CMY	0.6547, 0.6314, 0.2237
CMYK	0.56, 0.53, 0.00, 0.22
HSL	237°, 49%, 56%
HSV	237°, 56%, 78%
XYZ	18.2198, 14.1573, 55.1758
YIQ	104.0620, -36.9600, 31.0720

Conversions

Conversions Part 2

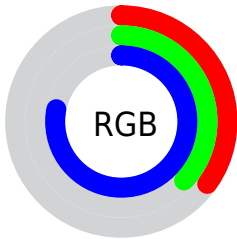
Format	Color
R_{YB}	88, 94, 198
Decimal	5791430
CIE _{Lab}	44.46, 27.70, -55.21
CIE _{LCh}	44, 61.773, 296.644
Yxy	14.1573, 0.2081, 0.1617
Android (android.graphics.Color)	4283981510 (0xFF585EC6)
YUV	104.0620, 46.3114, -14.0864
Hunter-Lab	37.6262, 20.5893, -60.6058

Details

The Yxy color **14.1573, 0.2081, 0.1617** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **50.4107, 0.3956, 0.4543**, and the grayscale version is **13.7447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2775, 0.2317, 0.1934**, and **4.2162, 0.1691, 0.1142** is the 20% darker color. If you saturate the color by 10%, you get **10.3830, 0.1888, 0.1296**, and if you desaturate by 10%, it is **19.0025, 0.2289, 0.1956**.

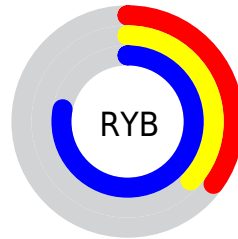
Distribution



Red (35%)

Green (37%)

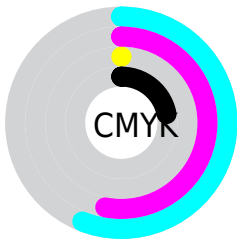
Blue (78%)



Red (35%)

Yellow (37%)

Blue (78%)

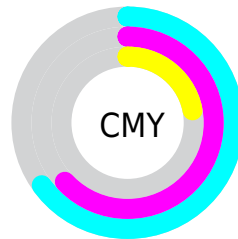


Cyan (56%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (63%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1573, 0.2081, 0.1617 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 14.1573, 0.2081, 0.1617 by changing the saturation by 10% instead.

■ 14.1573, 0.2081,
0.1617

■ 14.1573, 0.2081,
0.1617

■ 218.2072, 0.2680,
0.2488

■ 8.2302, 0.1913,
0.1405

■ 33.3679, 0.2314,
0.1933

■ 4.2426, 0.1692,
0.1144

■ 47.4201, 0.2398,
0.2053

■ 1.8102, 0.1396,
0.0827

■ 64.9494, 0.2466,
0.2154

■ 0.4935, 0.1006,
0.0420

■ 86.3403, 0.2523,
0.2241

■ 0.0000, 0.0171,
0.0000

■ 111.9772, 0.2572,
0.2315

■ 0.0000, 0.0000,
0.0000

142.2443, 0.2613,

0.2380

177.5262, 0.2649,
0.2437

■ 14.1573, 0.2081,
0.1617

■ 14.1573, 0.2081,
0.1617

■ 10.3830, 0.1888,
0.1296

■ 19.0025, 0.2289,
0.1956

■ 7.5970, 0.1724,
0.1018

■ 24.9900, 0.2497,
0.2293

■ 5.7069, 0.1602,
0.0804

■ 32.1867, 0.2696,
0.2611

■ 4.6019, 0.1530,
0.0668

■ 40.6539, 0.2879,
0.2901

■ 4.3084, 0.1509,
0.0631

■ 50.4488, 0.3044,
0.3161

■ 61.6250, 0.3190,
0.3388

■ 74.2333, 0.3318,
0.3586

■ 88.3219, 0.3429,
0.3756

■ 96.8555, 0.3466,
0.3850

Harmonies

Analogous

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



14.1573, 0.1446, 0.1587



14.1573, 0.2081, 0.1617



14.1573, 0.3160, 0.1934

Triad

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



14.1573, 0.2081, 0.1617



14.1573, 0.5462, 0.3979



14.1573, 0.1760, 0.4163

Complementary

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



14.1573, 0.2081, 0.1617



50.4107, 0.3956, 0.4543

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.



14.1573, 0.2688, 0.5483



14.1573, 0.2081, 0.1617



14.1573, 0.4798, 0.4843

Square

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



14.1573, 0.2081, 0.1617



14.1573, 0.5417, 0.3202



14.1573, 0.3787, 0.5581



14.1573, 0.1267, 0.2722

Rectangle

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



14.1573, 0.2081, 0.1617



14.1573, 0.4052, 0.2288



14.1573, 0.3787, 0.5581



14.1573, 0.2029, 0.4688

Sweetspot

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



14.1577, 0.2081, 0.1617



69.2568, 0.2849, 0.2853



46.1939, 0.2469, 0.3397



14.1466, 0.2812, 0.2795



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.



14.1577, 0.2081, 0.1617



17.0109, 0.1844, 0.1222



16.2701, 0.2494, 0.1706



10.3781, 0.2983, 0.3064



2.8433, 0.1511, 0.0639



0.1675, 0.1549, 0.0775

Inverse Universe

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



19.7962, 0.4683, 0.3220



28.4214, 0.5255, 0.3218



47.5924, 0.3501, 0.4818



10.6461, 0.3281, 0.3278



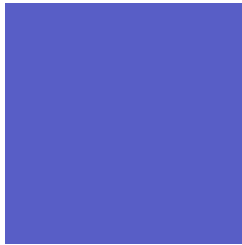
7.8270, 0.6335, 0.3263



0.3739, 0.6110, 0.3140

Previews

White Background



This preview shows how the Yxy color 14.1573, 0.2081, 0.1617 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 14.1573, 0.2081, 0.1617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

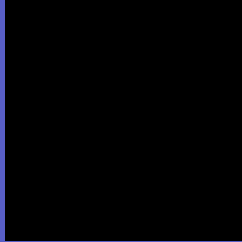
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1573, 0.2081, 0.1617

Background



This preview shows how black text looks on a background with the Yxy color 14.1573, 0.2081, 0.1617.



This preview shows how white text looks on a background with the Yxy color 14.1573, 0.2081, 0.1617.

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

14.1573, 0.2081, 0.1617

Protanopia

14.2147, 0.1829, 0.1560

Deuteranopia

14.1462, 0.1837, 0.1813



Tritanopia

14.1761, 0.2452, 0.3081

Trichromacy



Original Color

14.1573, 0.2081, 0.1617

Protanomaly

13.9170, 0.1890, 0.1563

Deuteranomaly

13.6156, 0.1853, 0.1698

Tritanomaly

13.8122, 0.2280, 0.2389

Monochromacy



Original Color

14.1573, 0.2081, 0.1617

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.5460, 0.2644, 0.2525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1573, 0.2081, 0.1617 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(88, 94, 198)` looks like.

```
.text, #text, p{  
    color:rgb(88, 94, 198)  
}
```

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(88, 94, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 94, 198) }
```

Border

The CSS property to change the border of an element to Yxy 14.1573, 0.2081, 0.1617 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(88, 94, 198) }
```

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

```
.border{ border-color:rgb(88, 94, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 94, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 94, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 94, 198);  
box-shadow:4px 4px 4px 4px rgb(88, 94,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1573, 0.2081, 0.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 94, 198) }
```

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

```
.background{ background-color: rgb(88, 94,  
198) }
```

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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