

Converting Colors

$Y_{xy}(14.6529, 0.2145, 0.1891)$

Have a look what the booklet for
Yxy(14.6529, 0.2145, 0.1891)
contains.

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Color

Yxy(14.6295, 0.2143, 0.1890)

Conversions

Conversions Part 1

Format	Color
Hex	5166B6
RGB	81, 102, 182
RGB Percent	32%, 40%, 71%
CMY	0.6822, 0.6000, 0.2864
CMYK	0.55, 0.44, 0.00, 0.29
HSL	228°, 41%, 52%
HSV	228°, 55%, 71%
XYZ	16.5878, 14.6295, 46.1874
YIQ	104.8410, -38.1960, 20.4280

Conversions

Conversions Part 2

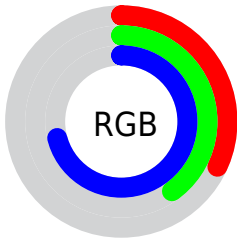
Format	Color
R _Y B	81, 98, 182
Decimal	5334710
CIE Lab	45.12, 15.96, -44.89
CIE LCh	45, 47.643, 289.570
Yxy	14.6295, 0.2143, 0.1890
Android (android.graphics.Color)	4283524790 (0xFF5166B6)
YUV	104.8410, 38.0394, -20.9086
Hunter-Lab	38.2485, 10.4780, -44.8223

Details

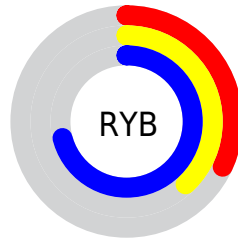
The Yxy color **14.6295, 0.2143, 0.1890** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **36.0288, 0.4061, 0.4366**, and the grayscale version is **13.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2739, 0.2366, 0.2184**, and **4.4650, 0.1766, 0.1444** is the 20% darker color. If you saturate the color by 10%, you get **11.3387, 0.1964, 0.1598**, and if you desaturate by 10%, it is **18.6296, 0.2333, 0.2183**.

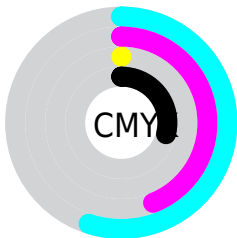
Distribution



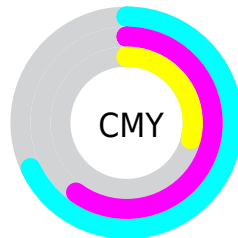
- Red (32%)
- Green (40%)
- Blue (71%)



- Red (32%)
- Yellow (38%)
- Blue (71%)



- Cyan (55%)
- Magenta (44%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6295, 0.2143, 0.1890 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 14.6295, 0.2143, 0.1890 by changing the saturation by 10% instead.

■ 14.6295, 0.2143,
0.1890

■ 14.6295, 0.2143,
0.1890

■ 221.1126, 0.2707,
0.2648

■ 8.5598, 0.1982,
0.1690

■ 34.2019, 0.2364,
0.2176

■ 4.4552, 0.1765,
0.1434

■ 48.4733, 0.2442,
0.2280

■ 1.9313, 0.1467,
0.1102

■ 66.2475, 0.2507,
0.2368

■ 0.5671, 0.1057,
0.0643

■ 87.9088, 0.2560,
0.2441

■ 0.0000, 0.0000,
0.0000

■ 113.8415, 0.2605,
0.2504

■ 144.4301, 0.2644,

0.2559

180.0590, 0.2677,
0.2606

■ 14.6295, 0.2143,
0.1890

■ 14.6295, 0.2143,
0.1890

■ 11.3387, 0.1964,
0.1598

■ 18.6296, 0.2333,
0.2183

■ 8.7127, 0.1806,
0.1322

■ 23.3768, 0.2524,
0.2466

■ 6.7035, 0.1679,
0.1079

■ 28.9081, 0.2710,
0.2729

■ 5.2552, 0.1590,
0.0884

■ 35.2574, 0.2884,
0.2969

■ 4.7487, 0.1559,
0.0811

■ 42.4566, 0.3045,
0.3184

■ 50.5359, 0.3192,
0.3373

■ 59.5239, 0.3324,
0.3539

■ 69.4480, 0.3442,
0.3683

■ 80.3344, 0.3547,
0.3808

Harmonies

Analogous

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



14.6295, 0.1673, 0.1944



14.6295, 0.2143, 0.1890



14.6295, 0.2944, 0.2103

Triad

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



14.6295, 0.2143, 0.1890



14.6295, 0.5035, 0.3798



14.6295, 0.2228, 0.4218

Complementary

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



14.6295, 0.2143, 0.1890



36.0288, 0.4061, 0.4366

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.



14.6295, 0.3057, 0.5015



14.6295, 0.2143, 0.1890



14.6295, 0.4687, 0.4477

Square

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



14.6295, 0.2143, 0.1890



14.6295, 0.4778, 0.3136



14.6295, 0.3952, 0.5015



14.6295, 0.1693, 0.3120

Rectangle

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



14.6295, 0.2143, 0.1890



14.6295, 0.3611, 0.2375



14.6295, 0.3952, 0.5015



14.6295, 0.2481, 0.4556

Sweetspot

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



14.6300, 0.2143, 0.1890



61.7326, 0.2853, 0.2927



37.7353, 0.2560, 0.3649



13.1124, 0.2819, 0.2881



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.6300, 0.2143, 0.1890



19.1783, 0.1919, 0.1522



12.5590, 0.2337, 0.1651



9.0136, 0.2984, 0.3103



3.4344, 0.1563, 0.0828



0.2105, 0.1696, 0.1306

Inverse Universe

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



16.7915, 0.4403, 0.3002



24.6694, 0.4891, 0.2972



40.8457, 0.3641, 0.4734



9.0419, 0.3256, 0.3243



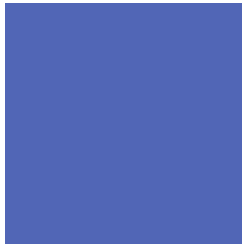
7.1290, 0.6025, 0.3093



0.2603, 0.5318, 0.2703

Previews

White Background



This preview shows how the Yxy color 14.6295, 0.2143, 0.1890 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 14.6295, 0.2143, 0.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

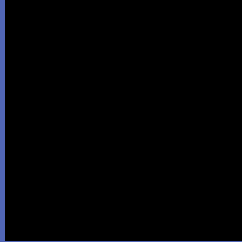
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.6295, 0.2143, 0.1890

Background



This preview shows how black text looks on a background with the Yxy color 14.6295, 0.2143, 0.1890.



This preview shows how white text looks on a background with the Yxy color 14.6295, 0.2143, 0.1890.

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

14.6295, 0.2143, 0.1890

Protanopia

14.7009, 0.2071, 0.1879

Deuteranopia

14.6085, 0.1998, 0.1937



Tritanopia

14.6465, 0.2436, 0.3083

Trichromacy



Original Color

14.6295, 0.2143, 0.1890

Protanomaly

14.6152, 0.2098, 0.1882

Deuteranomaly

14.4961, 0.2042, 0.1917

Tritanomaly

14.3895, 0.2311, 0.2557

Monochromacy



Original Color

14.6295, 0.2143, 0.1890

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.0809, 0.2680, 0.2694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6295, 0.2143, 0.1890 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(81, 102, 182)` looks like.

```
.text, #text, p{  
    color:rgb(81, 102, 182)  
}
```

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(81, 102, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 102, 182) }
```

Border

The CSS property to change the border of an element to Yxy 14.6295, 0.2143, 0.1890 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(81, 102, 182) }
```

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

```
.border{ border-color:rgb(81, 102, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 102, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 102, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 102, 182);  
box-shadow:4px 4px 4px 4px rgb(81, 102,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6295, 0.2143, 0.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 102, 182) }
```

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

```
.background{ background-color: rgb(81, 102,  
182) }
```

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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