

Converting Colors

$Y_{xy}(14.7242, 0.2132, 0.1623)$

Have a look what the booklet for
Yxy(14.7242, 0.2132, 0.1623)
contains.

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Color

Yxy(14.6623, 0.2130, 0.1622)

Conversions

Conversions Part 1

Format	Color
Hex	605EC8
RGB	96, 94, 200
RGB Percent	38%, 37%, 78%
CMY	0.6235, 0.6314, 0.2156
CMYK	0.52, 0.53, 0.00, 0.22
HSL	241°, 49%, 58%
HSV	241°, 53%, 78%
XYZ	19.2544, 14.6623, 56.4797
YIQ	106.6820, -32.8340, 33.3900

Conversions

Conversions Part 2

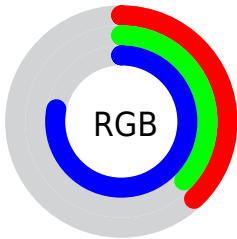
Format	Color
R_{YB}	96, 94, 200
Decimal	6315720
CIE _{Lab}	45.17, 30.00, -55.23
CIE _{LCh}	45, 62.854, 298.506
Yxy	14.6623, 0.2130, 0.1622
Android (android.graphics.Color)	4284505800 (0xFF605EC8)
YUV	106.6820, 46.0058, -9.3681
Hunter-Lab	38.2914, 22.7470, -60.6486

Details

The Yxy color **14.6623, 0.2130, 0.1622** 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 **54.1427, 0.3872, 0.4560**, and the grayscale version is **14.4877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9388, 0.2364, 0.1950**, and **4.4816, 0.1762, 0.1162** is the 20% darker color. If you saturate the color by 10%, you get **10.6198, 0.1928, 0.1289**, and if you desaturate by 10%, it is **19.8931, 0.2342, 0.1974**.

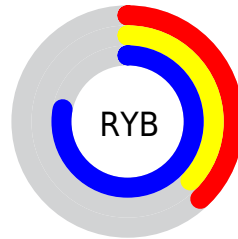
Distribution



Red (38%)

Green (37%)

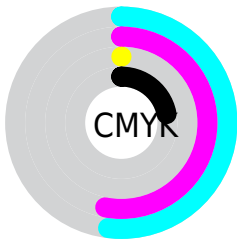
Blue (78%)



Red (38%)

Yellow (37%)

Blue (78%)

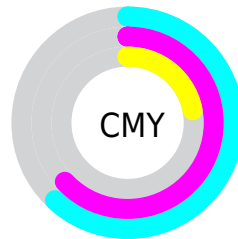


Cyan (52%)

Magenta (53%)

Yellow (0%)

Black (22%)



Cyan (62%)


Magenta (63%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6623, 0.2130, 0.1622 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 14.6623, 0.2130, 0.1622 by changing the saturation by 10% instead.


 14.6623, 0.2130,
0.1622


 14.6623, 0.2130,
0.1622


221.3130, 0.2702,
0.2484

 8.5827, 0.1969,
0.1413


 34.2597, 0.2353,
0.1934


 4.4700, 0.1758,
0.1157


 48.5462, 0.2432,
0.2052

 1.9398, 0.1472,
0.0846

 66.3373, 0.2498,
0.2153

 0.5721, 0.1090,
0.0460

 88.0171, 0.2552,
0.2238

 0.0000, 0.0383,
0.0000

113.9702, 0.2599,
0.2312

 0.0000, 0.0000,
0.0000

144.5810, 0.2638,

0.2377

180.2338, 0.2672,
0.2434

■ 14.6623, 0.2130,
0.1622

■ 14.6623, 0.2130,
0.1622

■ 10.6198, 0.1928,
0.1289

■ 19.8931, 0.2342,
0.1974

■ 7.6713, 0.1754,
0.1002

■ 26.3938, 0.2551,
0.2323

■ 5.7104, 0.1620,
0.0786

■ 34.2406, 0.2748,
0.2652

■ 4.6091, 0.1537,
0.0655

■ 43.5031, 0.2926,
0.2951

■ 4.1961, 0.1505,
0.0603

■ 54.2464, 0.3084,
0.3217

■ 66.5312, 0.3221,
0.3449

■ 80.4150, 0.3340,
0.3650

■ 95.9523, 0.3442,
0.3823

■ 96.9517, 0.3454,
0.3830

Harmonies

Analogous

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



14.6623, 0.1467, 0.1573



14.6623, 0.2130, 0.1622



14.6623, 0.3240, 0.1956

Triad

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



14.6623, 0.2130, 0.1622



14.6623, 0.5448, 0.4030



14.6623, 0.1708, 0.4067

Complementary

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



14.6623, 0.2130, 0.1622



54.1427, 0.3872, 0.4560

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.



14.6623, 0.2618, 0.5446



14.6623, 0.2130, 0.1622



14.6623, 0.4746, 0.4901

Square

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



14.6623, 0.2130, 0.1622



14.6623, 0.5459, 0.3246



14.6623, 0.3718, 0.5621



14.6623, 0.1243, 0.2648

Rectangle

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



14.6623, 0.2130, 0.1622



14.6623, 0.4141, 0.2321



14.6623, 0.3718, 0.5621



14.6623, 0.1969, 0.4602

Sweetspot

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



14.6628, 0.2130, 0.1622



69.8570, 0.2871, 0.2858



47.0615, 0.2447, 0.3263



14.2277, 0.2834, 0.2796



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.



14.6628, 0.2130, 0.1622



17.2663, 0.1893, 0.1230



18.5452, 0.2622, 0.1815



10.2969, 0.2986, 0.3051



2.6714, 0.1507, 0.0604



0.1299, 0.1531, 0.0617

Inverse Universe

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



24.3672, 0.3208, 0.2056



35.9028, 0.3224, 0.1849



48.1748, 0.3418, 0.4786



10.8130, 0.3141, 0.3067



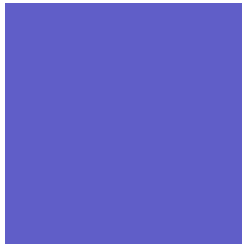
10.3499, 0.3256, 0.1568



0.4912, 0.3246, 0.1562

Previews

White Background



This preview shows how the Yxy color 14.6623, 0.2130, 0.1622 looks on a white background.

Color Contrast Check

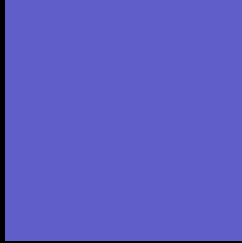
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6623, 0.2130, 0.1622 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 14.6623, 0.2130, 0.1622

Background



This preview shows how black text looks on a background with the Yxy color 14.6623, 0.2130, 0.1622.



This preview shows how white text looks on a background with the Yxy color 14.6623, 0.2130, 0.1622.

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

14.6623, 0.2130, 0.1622

Protanopia

14.8048, 0.1826, 0.1557

Deuteranopia

14.7430, 0.1835, 0.1806



Tritanopia

14.5799, 0.2539, 0.3065

Trichromacy



Original Color

14.6623, 0.2130, 0.1622

Protanomaly

14.5312, 0.1901, 0.1573

Deuteranomaly

14.1981, 0.1861, 0.1706

Tritanomaly

14.2479, 0.2358, 0.2391

Monochromacy



Original Color

14.6623, 0.2130, 0.1622

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.3094, 0.2676, 0.2527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6623, 0.2130, 0.1622 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(96, 94, 200)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 94, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 94, 200) }
```

Border

The CSS property to change the border of an element to Yxy 14.6623, 0.2130, 0.1622 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(96, 94, 200) }
```

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

```
.border{ border-color:rgb(96, 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(96, 94, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 94, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 94, 200);  
box-shadow:4px 4px 4px 4px rgb(96, 94,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6623, 0.2130, 0.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 94, 200) }
```

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

```
.background{ background-color: rgb(96, 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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