

Converting Colors

$Y_{xy}(14.6059, 0.2190, 0.1732)$

Have a look what the booklet for
Yxy(14.6059, 0.2190, 0.1732)
contains.

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Color

Yxy(14.6687, 0.2196, 0.1739)

Conversions

Conversions Part 1

Format	Color
Hex	6160BF
RGB	97, 96, 191
RGB Percent	38%, 38%, 75%
CMY	0.6194, 0.6236, 0.2509
CMYK	0.49, 0.50, 0.00, 0.25
HSL	241°, 43%, 56%
HSV	241°, 50%, 75%
XYZ	18.5236, 14.6687, 51.1591
YIQ	107.1290, -29.8990, 29.7570

Conversions

Conversions Part 2

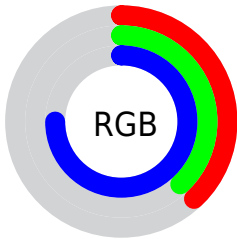
Format	Color
R_{YB}	97, 96, 191
Decimal	6381759
CIE Lab	45.18, 26.19, -50.01
CIE LCh	45, 56.451, 297.647
Yxy	14.6687, 0.2196, 0.1739
Android (android.graphics.Color)	4284571839 (0xFF6160BF)
YUV	107.1290, 41.3484, -8.8831
Hunter-Lab	38.2997, 19.3065, -52.3871

Details

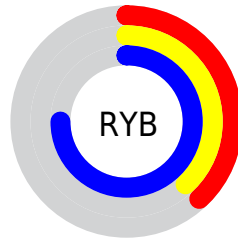
The Yxy color **14.6687, 0.2196, 0.1739** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.0553, 0.3838, 0.4487**, and the grayscale version is **14.6325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4171, 0.2408, 0.2046**, and **4.4994, 0.1837, 0.1280** is the 20% darker color. If you saturate the color by 10%, you get **10.6803, 0.1989, 0.1397**, and if you desaturate by 10%, it is **19.7518, 0.2409, 0.2092**.

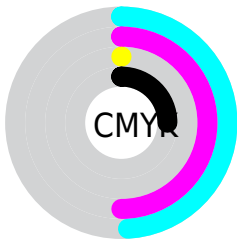
Distribution



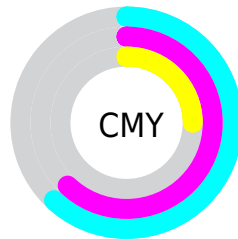
- Red (38%)
- Green (38%)
- Blue (75%)



- Red (38%)
- Yellow (38%)
- Blue (75%)



- Cyan (49%)
- Magenta (50%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6687, 0.2196, 0.1739 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 14.6687, 0.2196, 0.1739 by changing the saturation by 10% instead.


 14.6687, 0.2196,
0.1739

 14.6687, 0.2196,
0.1739


221.3521, 0.2734,
0.2555

 8.5872, 0.2042,
0.1534


 34.2709, 0.2407,
0.2040


 4.4729, 0.1835,
0.1278


 48.5604, 0.2482,
0.2152

 1.9415, 0.1551,
0.0957

 66.3548, 0.2543,
0.2246

 0.5731, 0.1161,
0.0540

 88.0383, 0.2594,
0.2327

 0.0000, 0.0283,
0.0000

113.9954, 0.2638,
0.2396

 0.0000, 0.0000,
0.0000

144.6104, 0.2674,

0.2456

180.2679, 0.2706,
0.2509

■ 14.6687, 0.2196,
0.1739

■ 14.6687, 0.2196,
0.1739

■ 10.6803, 0.1989,
0.1397

■ 19.7518, 0.2409,
0.2092

■ 7.7048, 0.1804,
0.1092

■ 26.0002, 0.2615,
0.2435

■ 5.6516, 0.1657,
0.0850

■ 33.4805, 0.2806,
0.2754

■ 4.4131, 0.1557,
0.0689

■ 42.2539, 0.2979,
0.3042

■ 3.7898, 0.1505,
0.0604

■ 52.3772, 0.3131,
0.3296

■ 3.7768, 0.1504,
0.0602

■ 63.9042, 0.3263,
0.3517

■ 76.8855, 0.3376,
0.3708

■ 91.3694, 0.3474,
0.3872

■ 96.5427, 0.3508,
0.3919

Harmonies

Analogous

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



14.6687, 0.1579, 0.1706



14.6687, 0.2196, 0.1739



14.6687, 0.3205, 0.2048

Triad

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



14.6687, 0.2196, 0.1739



14.6687, 0.5274, 0.4008



14.6687, 0.1861, 0.4032

Complementary

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



14.6687, 0.2196, 0.1739



49.0553, 0.3838, 0.4487

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.



14.6687, 0.2724, 0.5213



14.6687, 0.2196, 0.1739



14.6687, 0.4679, 0.4795

Square

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



14.6687, 0.2196, 0.1739



14.6687, 0.5225, 0.3265



14.6687, 0.3748, 0.5397



14.6687, 0.1396, 0.2759

Rectangle

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



14.6687, 0.2196, 0.1739



14.6687, 0.4012, 0.2388



14.6687, 0.3748, 0.5397



14.6687, 0.2112, 0.4492

Sweetspot

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



14.6692, 0.2196, 0.1739



66.7531, 0.2887, 0.2888



43.5205, 0.2483, 0.3288



13.9394, 0.2849, 0.2826



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.6692, 0.2196, 0.1739



18.3953, 0.1966, 0.1358



18.0086, 0.2646, 0.1906



9.2304, 0.2985, 0.3053



2.4838, 0.1504, 0.0602



0.0991, 0.1521, 0.0611

Inverse Universe

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



23.1560, 0.3195, 0.2116



35.3825, 0.3209, 0.1907



44.0008, 0.3421, 0.4680



9.6944, 0.3139, 0.3066



9.6894, 0.3238, 0.1557



0.3802, 0.3230, 0.1553

Previews

White Background



This preview shows how the Yxy color 14.6687, 0.2196, 0.1739 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 14.6687, 0.2196, 0.1739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

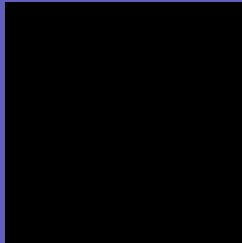
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6687, 0.2196, 0.1739

Background



This preview shows how black text looks on a background with the Yxy color 14.6687, 0.2196, 0.1739.



This preview shows how white text looks on a background with the Yxy color 14.6687, 0.2196, 0.1739.

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

14.6687, 0.2196, 0.1739

Protanopia

14.8940, 0.1929, 0.1695

Deuteranopia

14.7133, 0.1904, 0.1852



Tritanopia

14.7519, 0.2596, 0.3089

Trichromacy



Original Color

14.6687, 0.2196, 0.1739

Protanomaly

14.6706, 0.2008, 0.1704

Deuteranomaly

14.4743, 0.1974, 0.1799

Tritanomaly

14.5068, 0.2430, 0.2486

Monochromacy



Original Color

14.6687, 0.2196, 0.1739

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.4190, 0.2709, 0.2599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6687, 0.2196, 0.1739 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(97, 96, 191)` looks like.

```
.text, #text, p{  
    color:rgb(97, 96, 191)  
}
```

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(97, 96, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 96, 191) }
```

Border

The CSS property to change the border of an element to Yxy 14.6687, 0.2196, 0.1739 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(97, 96, 191) }
```

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

```
.border{ border-color:rgb(97, 96, 191) }
```

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

Here you see how a box with a 4 pixel rgb(97, 96, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 96, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 96, 191);  
box-shadow:4px 4px 4px 4px rgb(97, 96,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6687, 0.2196, 0.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 96, 191) }
```

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

```
.background{ background-color: rgb(97, 96,  
191) }
```

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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