

Converting Colors

$Y_{xy}(11.0213, 0.2362, 0.1848)$

Have a look what the booklet for
Yxy(11.0213, 0.2362, 0.1848)
contains.

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Color

Yxy(11.0055, 0.2358, 0.1843)

Conversions

Conversions Part 1

Format	Color
Hex	5F52A0
RGB	95, 82, 160
RGB Percent	37%, 32%, 63%
CMY	0.6274, 0.6784, 0.3726
CMYK	0.41, 0.49, 0.00, 0.37
HSL	250°, 32%, 47%
HSV	250°, 49%, 63%
XYZ	14.0808, 11.0055, 34.6288
YIQ	94.7790, -17.2900, 27.0140

Conversions

Conversions Part 2

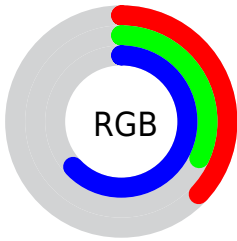
Format	Color
R_{YB}	95, 82, 160
Decimal	6247072
CIE _{Lab}	39.59, 24.95, -40.67
CIE _{LCh}	40, 47.719, 301.531
Yxy	11.0055, 0.2358, 0.1843
Android (android.graphics.Color)	4284437152 (0xFF5F52A0)
YUV	94.7790, 32.1540, 0.1938
Hunter-Lab	33.1745, 17.7083, -38.6669

Details

The Yxy color **11.0055, 0.2358, 0.1843** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **31.9427, 0.3687, 0.4510**, and the grayscale version is **11.3138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7984, 0.2559, 0.2161**, and **2.8981, 0.1989, 0.1333** is the 20% darker color. If you saturate the color by 10%, you get **8.2140, 0.2168, 0.1516**, and if you desaturate by 10%, it is **14.4823, 0.2544, 0.2176**.

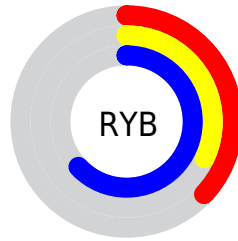
Distribution



Red (37%)

Green (32%)

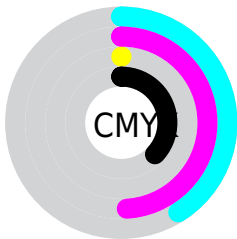
Blue (63%)



Red (37%)

Yellow (32%)

Blue (63%)

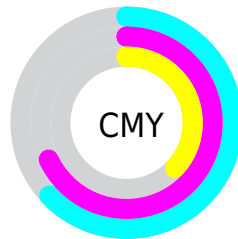


Cyan (41%)

Magenta (49%)

Yellow (0%)

Black (37%)



Cyan (63%)


Magenta (68%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0055, 0.2358, 0.1843 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 11.0055, 0.2358, 0.1843 by changing the saturation by 10% instead.


 11.0055, 0.2358,
0.1843


 11.0055, 0.2358,
0.1843


197.7053, 0.2829,
0.2648

 6.0705, 0.2207,
0.1622


 27.6703, 0.2553,
0.2153


 2.8880, 0.1992,
0.1333

 40.1690, 0.2619,
0.2264

 1.0736, 0.1672,
0.0954

 55.9577, 0.2672,
0.2356

 0.0000, 0.1189,
0.0000

 75.4208, 0.2715,
0.2433

 0.0000, 0.0000,
0.0000

 98.9427, 0.2750,
0.2499

126.9078, 0.2781,

0.2556

159.7006, 0.2807,
0.2605

■ 11.0055, 0.2358,
0.1843

■ 11.0055, 0.2358,
0.1843

■ 8.2140, 0.2168,
0.1516

■ 14.4823, 0.2544,
0.2176

■ 6.0609, 0.1985,
0.1216

■ 18.6850, 0.2719,
0.2498

■ 4.4949, 0.1820,
0.0963

■ 23.6522, 0.2878,
0.2799

■ 3.4562, 0.1687,
0.0777

■ 29.4195, 0.3019,
0.3074

■ 2.8331, 0.1590,
0.0657

■ 36.0202, 0.3142,
0.3319

■ 2.7661, 0.1579,
0.0644

■ 43.4857, 0.3248,
0.3537

■ 51.8460, 0.3339,
0.3727

■ 61.1292, 0.3417,
0.3894

■ 71.3626, 0.3484,
0.4039

Harmonies

Analogous

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



11.0055, 0.1717, 0.1778



11.0055, 0.2358, 0.1843



11.0055, 0.3349, 0.2172

Triad

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



11.0055, 0.2358, 0.1843



11.0055, 0.5111, 0.4096



11.0055, 0.1863, 0.3815

Complementary

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



11.0055, 0.2358, 0.1843



31.9427, 0.3687, 0.4510

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.



11.0055, 0.2646, 0.4959



11.0055, 0.2358, 0.1843



11.0055, 0.4511, 0.4823

Square

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



11.0055, 0.2358, 0.1843



11.0055, 0.5136, 0.3376



11.0055, 0.3614, 0.5288



11.0055, 0.1461, 0.2685

Rectangle

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



11.0055, 0.2358, 0.1843



11.0055, 0.4099, 0.2515



11.0055, 0.3614, 0.5288



11.0055, 0.2087, 0.4240

Sweetspot

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



11.0059, 0.2358, 0.1843



46.4072, 0.2928, 0.2897



25.1927, 0.2455, 0.3054



9.7409, 0.2900, 0.2841



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.0059, 0.2358, 0.1843



14.7504, 0.2161, 0.1504



13.6394, 0.2835, 0.2015



6.4858, 0.3012, 0.3061



2.1692, 0.1585, 0.0647



0.0518, 0.1883, 0.0811

Inverse Universe

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



15.6118, 0.3360, 0.2303



24.1884, 0.3423, 0.2125



28.9305, 0.3286, 0.4689



6.7356, 0.3161, 0.3106



7.1531, 0.3671, 0.1796



0.1325, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 11.0055, 0.2358, 0.1843 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 11.0055, 0.2358, 0.1843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

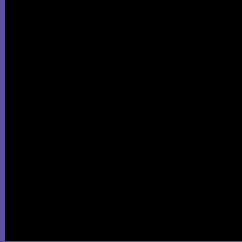
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0055, 0.2358, 0.1843

Background



This preview shows how black text looks on a background with the Yxy color 11.0055, 0.2358, 0.1843.



This preview shows how white text looks on a background with the Yxy color 11.0055, 0.2358, 0.1843.

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

11.0055, 0.2358, 0.1843

Protanopia

11.1590, 0.1991, 0.1781

Deuteranopia

11.0681, 0.2026, 0.1983



Tritanopia

10.9130, 0.2817, 0.3095

Trichromacy



Original Color

11.0055, 0.2358, 0.1843

Protanomaly

11.0347, 0.2099, 0.1795

Deuteranomaly

10.9048, 0.2117, 0.1922

Tritanomaly

10.7460, 0.2623, 0.2532

Monochromacy



Original Color

11.0055, 0.2358, 0.1843

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0771, 0.2803, 0.2653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0055, 0.2358, 0.1843 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(95, 82, 160)` looks like.

```
.text, #text, p{  
    color:rgb(95, 82, 160)  
}
```

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(95, 82, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 82, 160) }
```

Border

The CSS property to change the border of an element to Yxy 11.0055, 0.2358, 0.1843 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(95, 82, 160) }
```

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

```
.border{ border-color:rgb(95, 82, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 82, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 82, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 82, 160);  
box-shadow:4px 4px 4px 4px rgb(95, 82,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0055, 0.2358, 0.1843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 82, 160) }
```

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

```
.background{ background-color: rgb(95, 82,  
160) }
```

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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