

Converting Colors

$Y_{xy}(11.1866, 0.3550, 0.3058)$

Have a look what the booklet for
Yxy(11.1866, 0.3550, 0.3058)
contains.

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Color

Yxy(11.1599, 0.3563, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	78545F
RGB	120, 84, 95
RGB Percent	47%, 33%, 37%
CMY	0.5294, 0.6706, 0.6275
CMYK	0.00, 0.30, 0.21, 0.53
HSL	342°, 18%, 40%
HSV	342°, 30%, 47%
XYZ	12.9816, 11.1599, 12.2930
YIQ	96.0180, 17.9250, 11.0530

Conversions

Conversions Part 2

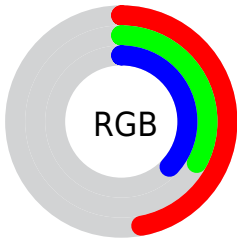
Format	Color
R_YB	120, 84, 95
Decimal	7885919
CIE Lab	39.85, 16.77, -0.37
CIE LCh	40, 16.772, 358.725
Yxy	11.1599, 0.3563, 0.3063
Android (android.graphics.Color)	4286075999 (0xFF78545F)
YUV	96.0180, -0.5019, 21.0322
Hunter-Lab	33.4064, 10.9032, 1.5668

Details

The Yxy color **11.1599, 0.3563, 0.3063** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4238, 0.2824, 0.3531**, and the grayscale version is **11.7000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9788, 0.3453, 0.3129**, and **2.9476, 0.3821, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **9.3108, 0.3773, 0.2984**, and if you desaturate by 10%, it is **13.3455, 0.3389, 0.3142**.

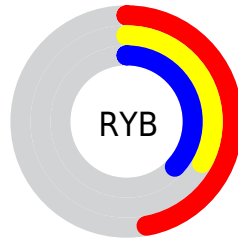
Distribution



Red (47%)

Green (33%)

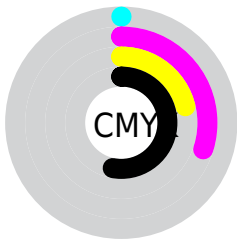
Blue (37%)



Red (47%)

Yellow (33%)

Blue (37%)

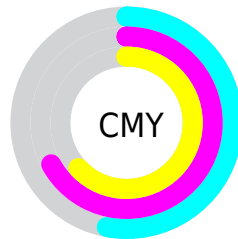


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (53%)



Cyan (53%)


Magenta (67%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1599, 0.3563, 0.3063 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 11.1599, 0.3563, 0.3063 by changing the saturation by 10% instead.


 11.1599, 0.3563,
0.3063


 11.1599, 0.3563,
0.3063


198.7613, 0.3294,
0.3203


 6.1745, 0.3658,
0.3014


 27.9555, 0.3448,
0.3123

 2.9515, 0.3804,
0.2938

 40.5344, 0.3411,
0.3142

 1.1064, 0.4061,
0.2806

 56.4133, 0.3381,
0.3157

 0.0000, 0.9805,
0.0000

 75.9766, 0.3357,
0.3170

 0.0000, 0.0000,
0.0000

 99.6087, 0.3338,
0.3180

127.6939, 0.3321,

0.3189

160.6166, 0.3307,
0.3196

■ 11.1599, 0.3563,
0.3063

■ 11.1599, 0.3563,
0.3063

■ 9.3108, 0.3773,
0.2984

■ 13.3455, 0.3389,
0.3142

■ 7.7798, 0.4021,
0.2911

■ 15.8817, 0.3245,
0.3218

■ 6.5492, 0.4310,
0.2849


■ 18.7835, 0.3127,
0.3290

■ 5.5990, 0.4634,
0.2809


■ 22.0647, 0.3030,
0.3357


■ 4.9064, 0.4979,
0.2801

■ 25.7385, 0.2950,
0.3418


 4.4455, 0.5322,
0.2833

 29.8172, 0.2884,
0.3475

 4.1246, 0.5651,
0.2887

 34.3128, 0.2829,
0.3526

 39.2366, 0.2783,
0.3573

 44.5996, 0.2745,
0.3616

Harmonies

Analogous

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



11.1599, 0.3192, 0.2823



11.1599, 0.3563, 0.3063



11.1599, 0.3819, 0.3363

Triad

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



11.1599, 0.3563, 0.3063



11.1599, 0.3405, 0.3968



11.1599, 0.2430, 0.2855

Complementary

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



11.1599, 0.3563, 0.3063



16.4238, 0.2824, 0.3531

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.



11.1599, 0.2480, 0.3152



11.1599, 0.3563, 0.3063



11.1599, 0.3029, 0.3831

Square

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



11.1599, 0.3563, 0.3063



11.1599, 0.3718, 0.3894



11.1599, 0.2693, 0.3519



11.1599, 0.2551, 0.2697

Rectangle

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



11.1599, 0.3563, 0.3063



11.1599, 0.3881, 0.3568



11.1599, 0.2693, 0.3519



11.1599, 0.2427, 0.2941

Sweetspot

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



11.1604, 0.3563, 0.3063



28.3054, 0.3235, 0.3224



10.9233, 0.2985, 0.2543



6.5704, 0.3251, 0.3215



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.1604, 0.3563, 0.3063



17.3276, 0.3703, 0.3009



12.0480, 0.3716, 0.3430



4.0333, 0.3233, 0.3225



4.4969, 0.5662, 0.2892



21.3157, 0.5792, 0.2964

Inverse Universe

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



11.1604, 0.3563, 0.3063



17.3276, 0.3703, 0.3009



15.1419, 0.2699, 0.3145



4.0333, 0.3233, 0.3225



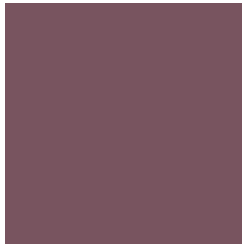
4.4969, 0.5662, 0.2892



21.3157, 0.5792, 0.2964

Previews

White Background



This preview shows how the Yxy color 11.1599, 0.3563, 0.3063 looks on a white background.

Color Contrast Check

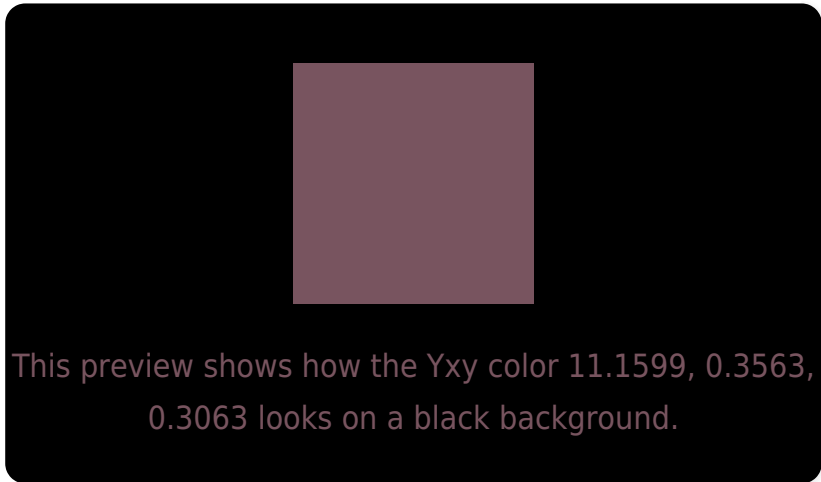
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

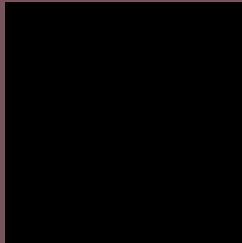
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1599, 0.3563, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 11.1599, 0.3563, 0.3063.



This preview shows how white text looks on a background with the Yxy color 11.1599, 0.3563, 0.3063.

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

11.1599, 0.3563, 0.3063

Protanopia

11.3247, 0.3029, 0.3127

Deuteranopia

11.1739, 0.3275, 0.3222



Tritanopia

11.2454, 0.3627, 0.3166

Trichromacy



Original Color

11.1599, 0.3563, 0.3063

Protanomaly

11.0967, 0.3200, 0.3088

Deuteranomaly

11.0388, 0.3381, 0.3158

Tritanomaly

11.2628, 0.3610, 0.3145

Monochromacy



Original Color

11.1599, 0.3563, 0.3063

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.5021, 0.3274, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1599, 0.3563, 0.3063 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(120, 84, 95)` looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 95)  
}
```

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(120, 84, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 95) }
```

Border

The CSS property to change the border of an element to Yxy 11.1599, 0.3563, 0.3063 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(120, 84, 95) }
```

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

```
.border{ border-color:rgb(120, 84, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 84, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 95);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1599, 0.3563, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 95) }
```

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

```
.background{ background-color: rgb(120, 84,  
95) }
```

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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