

Converting Colors

$Y_{xy}(11.6640, 0.3234, 0.2727)$

Have a look what the booklet for
Yxy(11.6640, 0.3234, 0.2727)
contains.

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Color

Yxy(11.6112, 0.3249, 0.2727)

Conversions

Conversions Part 1

Format	Color
Hex	775571
RGB	119, 85, 113
RGB Percent	47%, 33%, 44%
CMY	0.5334, 0.6666, 0.5569
CMYK	0.00, 0.29, 0.05, 0.53
HSL	311°, 17%, 40%
HSV	311°, 29%, 47%
XYZ	13.8338, 11.6112, 17.1337
YIQ	98.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

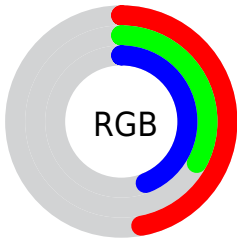
Format	Color
R_{YB}	119, 85, 113
Decimal	7820657
CIE Lab	40.59, 19.08, -10.40
CIE LCh	41, 21.733, 331.397
Yxy	11.6112, 0.3249, 0.2727
Android (android.graphics.Color)	4286010737 (0xFF775571)
YUV	98.3580, 7.2185, 18.1030
Hunter-Lab	34.0752, 12.8356, -5.9595

Details

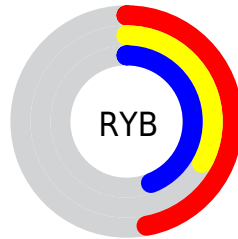
The Yxy color **11.6112, 0.3249, 0.2727** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.8743, 0.3026, 0.3927**, and the grayscale version is **12.2875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8152, 0.3223, 0.2861**, and **3.1348, 0.3305, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **9.8463, 0.3302, 0.2529**, and if you desaturate by 10%, it is **13.6933, 0.3201, 0.2928**.

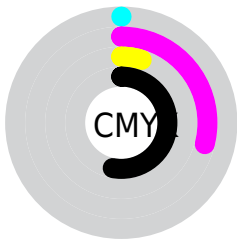
Distribution



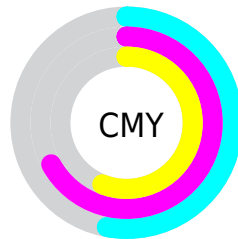
- Red (47%)
- Green (33%)
- Blue (44%)



- Red (47%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (53%)





- Cyan (53%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6112, 0.3249, 0.2727 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 11.6112, 0.3249, 0.2727 by changing the saturation by 10% instead.


 11.6112, 0.3249,
0.2727


 11.6112, 0.3249,
0.2727


201.8141, 0.3180,
0.3060

 6.4795, 0.3269,
0.2620


 28.7850, 0.3222,
0.2864


 3.1388, 0.3298,
0.2463

 41.5959, 0.3212,
0.2910

 1.2046, 0.3338,
0.2213

 57.7353, 0.3204,
0.2947

 0.0655, 0.3793,
0.0470

 77.5876, 0.3198,
0.2978

 0.0000, 0.0000,
0.0000

 101.5373, 0.3192,
0.3003

129.9686, 0.3187,

0.3025

163.2661, 0.3183,
0.3044

■ 11.6112, 0.3249,
0.2727

■ 11.6112, 0.3249,
0.2727

■ 9.8463, 0.3302,
0.2529

■ 13.6933, 0.3201,
0.2928

■ 8.3812, 0.3360,
0.2340

■ 16.1056, 0.3159,
0.3126

■ 7.1994, 0.3422,
0.2170

■ 18.8624, 0.3122,
0.3317

■ 6.2820, 0.3487,
0.2027

■ 21.9767, 0.3090,
0.3499

■ 5.6079, 0.3553,
0.1918

■ 25.4608, 0.3063,
0.3668

■ 5.1528, 0.3617,
0.1849

■ 29.3263, 0.3040,
0.3826

■ 4.8459, 0.3680,
0.1812

■ 33.5844, 0.3020,
0.3972

■ 4.8025, 0.3690,
0.1806

■ 38.2458, 0.3003,
0.4105

■ 43.3209, 0.2989,
0.4228

Harmonies

Analogous

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



11.6112, 0.2775, 0.2548



11.6112, 0.3249, 0.2727



11.6112, 0.3722, 0.3031

Triad

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



11.6112, 0.3249, 0.2727



11.6112, 0.3845, 0.4072



11.6112, 0.2297, 0.3064

Complementary

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



11.6112, 0.3249, 0.2727



15.8743, 0.3026, 0.3927

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.



11.6112, 0.2543, 0.3540



11.6112, 0.3249, 0.2727



11.6112, 0.3430, 0.4162

Square

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



11.6112, 0.3249, 0.2727



11.6112, 0.4074, 0.3782



11.6112, 0.2953, 0.3967



11.6112, 0.2257, 0.2707

Rectangle

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



11.6112, 0.3249, 0.2727



11.6112, 0.3956, 0.3277



11.6112, 0.2953, 0.3967



11.6112, 0.2357, 0.3216

Sweetspot

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



11.6117, 0.3249, 0.2727



28.5384, 0.3162, 0.3113



10.0385, 0.2735, 0.2528



6.6324, 0.3167, 0.3089



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.



11.6117, 0.3249, 0.2727



18.7396, 0.3282, 0.2601



11.2703, 0.3519, 0.3055



3.7474, 0.3161, 0.3117



5.1037, 0.3692, 0.1807



24.7579, 0.3722, 0.1824

Inverse Universe

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



11.6117, 0.3249, 0.2727



18.7396, 0.3282, 0.2601



16.1944, 0.2848, 0.3539



3.7474, 0.3161, 0.3117



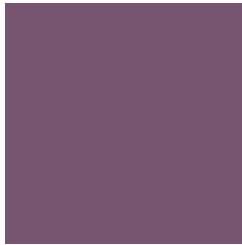
5.1037, 0.3692, 0.1807



24.7579, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 11.6112, 0.3249, 0.2727 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 11.6112, 0.3249, 0.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

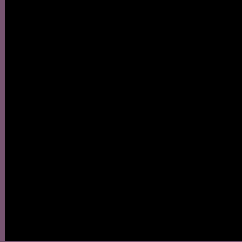
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6112, 0.3249, 0.2727

Background



This preview shows how black text looks on a background with the Yxy color 11.6112, 0.3249, 0.2727.



This preview shows how white text looks on a background with the Yxy color 11.6112, 0.3249, 0.2727.

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

11.6112, 0.3249, 0.2727

Protanopia

11.7141, 0.2732, 0.2735

Deuteranopia

11.7498, 0.2952, 0.2913



Tritanopia

11.5876, 0.3497, 0.3143

Trichromacy



Original Color

11.6112, 0.3249, 0.2727

Protanomaly

11.5332, 0.2915, 0.2729

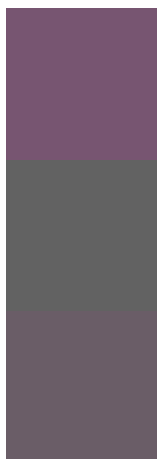
Deuteranomaly

11.7162, 0.3057, 0.2840

Tritanomaly

11.6273, 0.3403, 0.2980

Monochromacy



Original Color

11.6112, 0.3249, 0.2727

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.8721, 0.3184, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6112, 0.3249, 0.2727 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(119, 85, 113)` looks like.

```
.text, #text, p{  
  color:rgb(119, 85, 113)  
}
```

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(119, 85, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 85, 113) }
```

Border

The CSS property to change the border of an element to Yxy 11.6112, 0.3249, 0.2727 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(119, 85, 113) }
```

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

```
.border{ border-color:rgb(119, 85, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 85, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 85, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 85, 113);  
box-shadow:4px 4px 4px 4px rgb(119, 85,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6112, 0.3249, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 85, 113) }
```

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

```
.background{ background-color: rgb(119, 85,  
113) }
```

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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