

Converting Colors

$Y_{xy}(11.5699, 0.3348, 0.2814)$

Have a look what the booklet for
Yxy(11.5699, 0.3348, 0.2814)
contains.

Yxy(11.6447, 0.3360, 0.2827)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.6447, 0.3360, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	79556C
RGB	121, 85, 108
RGB Percent	47%, 33%, 42%
CMY	0.5255, 0.6666, 0.5765
CMYK	0.00, 0.30, 0.11, 0.53
HSL	322°, 17%, 40%
HSV	322°, 30%, 47%
XYZ	13.8402, 11.6447, 15.7061
YIQ	98.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

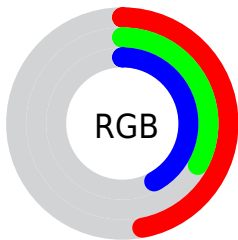
Format	Color
R_{YB}	121, 85, 108
Decimal	7951724
CIE Lab	40.65, 18.89, -7.22
CIE LCh	41, 20.222, 339.067
Yxy	11.6447, 0.3360, 0.2827
Android (android.graphics.Color)	4286141804 (0xFF79556C)
YUV	98.3860, 4.7397, 19.8325
Hunter-Lab	34.1243, 12.6786, -3.4019

Details

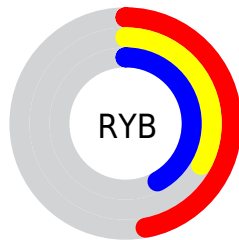
The Yxy color **11.6447, 0.3360, 0.2827** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4874, 0.2951, 0.3804**, and the grayscale version is **12.3010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8298, 0.3308, 0.2946**, and **3.1657, 0.3473, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **9.8094, 0.3465, 0.2668**, and if you desaturate by 10%, it is **13.8115, 0.3269, 0.2987**.

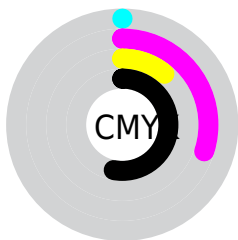
Distribution



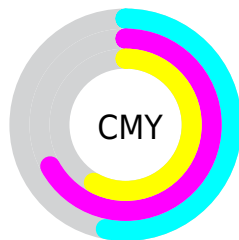
- Red (47%)
- Green (33%)
- Blue (42%)



- Red (47%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (53%)




- Cyan (53%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6447, 0.3360, 0.2827 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 11.6447, 0.3360, 0.2827 by changing the saturation by 10% instead.


 11.6447, 0.3360,
0.2827


 11.6447, 0.3360,
0.2827


202.0387, 0.3221,
0.3103


 6.5022, 0.3406,
0.2737


 28.8463, 0.3303,
0.2941


 3.1528, 0.3473,
0.2604

 41.6743, 0.3283,
0.2979

 1.2120, 0.3583,
0.2388

 57.8328, 0.3268,
0.3010

 0.0715, 0.4470,
0.0604

 77.7064, 0.3255,
0.3035

 0.0000, 0.0000,
0.0000

 101.6794, 0.3245,
0.3056

130.1362, 0.3236,

0.3074

163.4611, 0.3228,
0.3089

■ 11.6447, 0.3360,
0.2827

■ 11.6447, 0.3360,
0.2827

■ 9.8094, 0.3465,
0.2668

■ 13.8115, 0.3269,
0.2987

■ 8.2874, 0.3584,
0.2516

■ 16.3238, 0.3192,
0.3144

■ 7.0612, 0.3717,
0.2379

■ 19.1965, 0.3126,
0.3294

■ 6.1107, 0.3862,
0.2269

■ 22.4433, 0.3070,
0.3435

■ 5.4135, 0.4014,
0.2193

■ 26.0772, 0.3023,
0.3567

■ 4.9437, 0.4169,
0.2161

■ 30.1104, 0.2984,
0.3689

■ 4.6132, 0.4327,
0.2160

■ 34.5547, 0.2952,
0.3801

■ 4.6050, 0.4331,
0.2160

■ 39.4213, 0.2924,
0.3904

■ 44.7213, 0.2902,
0.3999

Harmonies

Analogous

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



11.6447, 0.2906, 0.2625



11.6447, 0.3360, 0.2827



11.6447, 0.3773, 0.3136

Triad

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



11.6447, 0.3360, 0.2827



11.6447, 0.3711, 0.4062



11.6447, 0.2323, 0.2984

Complementary

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



11.6447, 0.3360, 0.2827



16.4874, 0.2951, 0.3804

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.



11.6447, 0.2507, 0.3407



11.6447, 0.3360, 0.2827



11.6447, 0.3299, 0.4077

Square

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



11.6447, 0.3360, 0.2827



11.6447, 0.3976, 0.3833



11.6447, 0.2859, 0.3830



11.6447, 0.2335, 0.2689

Rectangle

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



11.6447, 0.3360, 0.2827



11.6447, 0.3954, 0.3373



11.6447, 0.2859, 0.3830



11.6447, 0.2363, 0.3115

Sweetspot

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



11.6452, 0.3360, 0.2827



29.4854, 0.3188, 0.3152



10.4527, 0.2809, 0.2510



6.6098, 0.3196, 0.3134



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.



11.6452, 0.3360, 0.2827



18.4444, 0.3434, 0.2713



11.3075, 0.3654, 0.3179



4.0541, 0.3187, 0.3154



4.9330, 0.4336, 0.2162



23.3636, 0.4411, 0.2203

Inverse Universe

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



11.6452, 0.3360, 0.2827



18.4444, 0.3434, 0.2713



16.8572, 0.2770, 0.3405



4.0541, 0.3187, 0.3154



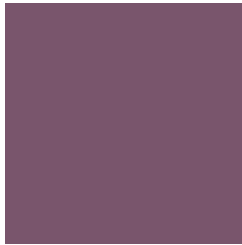
4.9330, 0.4336, 0.2162



23.3636, 0.4411, 0.2203

Previews

White Background



This preview shows how the Yxy color 11.6447, 0.3360, 0.2827 looks on a white background.

Color Contrast Check

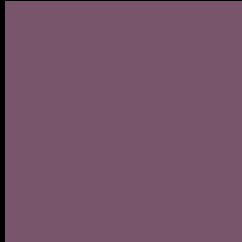
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6447, 0.3360, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

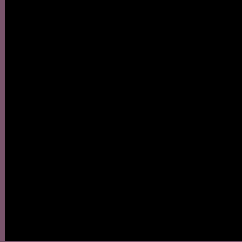
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6447, 0.3360, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 11.6447, 0.3360, 0.2827.



This preview shows how white text looks on a background with the Yxy color 11.6447, 0.3360, 0.2827.

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

11.6447, 0.3360, 0.2827

Protanopia

11.6975, 0.2818, 0.2842

Deuteranopia

11.6360, 0.3065, 0.3001



Tritanopia

11.5465, 0.3551, 0.3145

Trichromacy



Original Color

11.6447, 0.3360, 0.2827

Protanomaly

11.5356, 0.3012, 0.2834

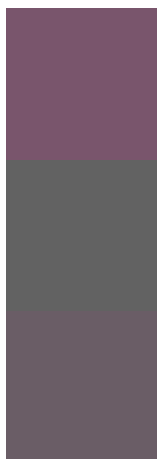
Deuteranomaly

11.5620, 0.3160, 0.2924

Tritanomaly

11.5495, 0.3488, 0.3023

Monochromacy



Original Color

11.6447, 0.3360, 0.2827

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.8522, 0.3198, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6447, 0.3360, 0.2827 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(121, 85, 108)` looks like.

```
.text, #text, p{  
    color:rgb(121, 85, 108)  
}
```

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(121, 85, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 85, 108) }
```

Border

The CSS property to change the border of an element to Yxy 11.6447, 0.3360, 0.2827 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(121, 85, 108) }
```

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

```
.border{ border-color:rgb(121, 85, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 85, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 85, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 85, 108);  
box-shadow:4px 4px 4px 4px rgb(121, 85,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6447, 0.3360, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 85, 108) }
```

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

```
.background{ background-color: rgb(121, 85,  
108) }
```

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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