

Converting Colors

$Y_{xy}(11.3664, 0.3456, 0.2995)$

Have a look what the booklet for
Yxy(11.3664, 0.3456, 0.2995)
contains.

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Color

Yxy(11.3390, 0.3458, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	775564
RGB	119, 85, 100
RGB Percent	47%, 33%, 39%
CMY	0.5333, 0.6667, 0.6078
CMYK	0.00, 0.29, 0.16, 0.53
HSL	334°, 17%, 40%
HSV	334°, 29%, 47%
XYZ	13.1578, 11.3390, 13.5535
YIQ	96.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

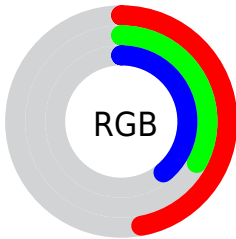
Format	Color
R_{YB}	119, 85, 100
Decimal	7820644
CIE _{Lab}	40.15, 16.65, -3.06
CIE _{LCh}	40, 16.925, 349.592
Yxy	11.3390, 0.3458, 0.2980
Android (android.graphics.Color)	4286010724 (0xFF775564)
YUV	96.8760, 1.5401, 19.4027
Hunter-Lab	33.6734, 10.8199, -0.2928

Details

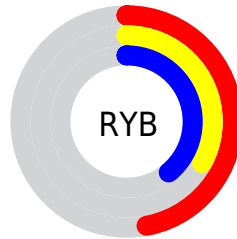
The Yxy color **11.3390, 0.3458, 0.2980** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1269, 0.2886, 0.3624**, and the grayscale version is **11.9158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3330, 0.3373, 0.3057**, and **3.0102, 0.3657, 0.2827** is the 20% darker color. If you saturate the color by 10%, you get **9.4971, 0.3619, 0.2867**, and if you desaturate by 10%, it is **13.5076, 0.3322, 0.3093**.

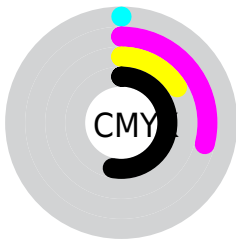
Distribution



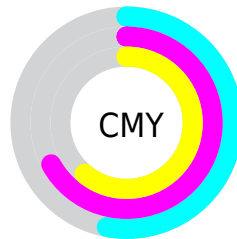
- Red (47%)
- Green (33%)
- Blue (39%)



- Red (47%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (29%)
- Yellow (16%)
- Black (53%)





- Cyan (53%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3390, 0.3458, 0.2980 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 11.3390, 0.3458, 0.2980 by changing the saturation by 10% instead.


 11.3390, 0.3458,
0.2980

 11.3390, 0.3458,
0.2980


199.9788, 0.3256,
0.3168


 6.2953, 0.3528,
0.2916


 28.2854, 0.3372,
0.3059


 3.0255, 0.3635,
0.2820

 40.9568, 0.3344,
0.3085

 1.1451, 0.3819,
0.2658

 56.9397, 0.3322,
0.3106

 0.0161, 0.6302,
0.0241

 76.6184, 0.3304,
0.3123

 0.0000, 0.0000,
0.0000

 100.3772, 0.3289,
0.3137

128.6006, 0.3276,

0.3149

161.6730, 0.3265,
0.3159

■ 11.3390, 0.3458,
0.2980

■ 11.3390, 0.3458,
0.2980

■ 9.4971, 0.3619,
0.2867

■ 13.5076, 0.3322,
0.3093

■ 7.9644, 0.3809,
0.2758

■ 16.0164, 0.3209,
0.3201

■ 6.7241, 0.4027,
0.2662


■ 18.8797, 0.3115,
0.3304


■ 5.7569, 0.4271,
0.2588


■ 22.1109, 0.3037,
0.3400


■ 5.0416, 0.4535,
0.2548


■ 25.7223, 0.2972,
0.3489

 4.5533, 0.4806,
0.2551


 29.7259, 0.2918,
0.3571

 4.2207, 0.5079,
0.2589

 34.1332, 0.2873,
0.3646

 4.1753, 0.5119,
0.2594

 38.9549, 0.2836,
0.3715

 44.2018, 0.2804,
0.3778

Harmonies

Analogous

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



11.3390, 0.3074, 0.2768



11.3390, 0.3458, 0.2980



11.3390, 0.3762, 0.3269

Triad

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



11.3390, 0.3458, 0.2980



11.3390, 0.3513, 0.3969



11.3390, 0.2424, 0.2932

Complementary

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



11.3390, 0.3458, 0.2980



16.1269, 0.2886, 0.3624

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.



11.3390, 0.2526, 0.3261



11.3390, 0.3458, 0.2980



11.3390, 0.3144, 0.3898

Square

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



11.3390, 0.3458, 0.2980



11.3390, 0.3789, 0.3839



11.3390, 0.2785, 0.3628



11.3390, 0.2495, 0.2727

Rectangle

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



11.3390, 0.3458, 0.2980



11.3390, 0.3868, 0.3476



11.3390, 0.2785, 0.3628



11.3390, 0.2439, 0.3030

Sweetspot

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



11.3395, 0.3458, 0.2980



28.3651, 0.3216, 0.3195



10.7542, 0.2925, 0.2567



6.5862, 0.3229, 0.3182



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.



11.3395, 0.3458, 0.2980



18.1631, 0.3556, 0.2909



11.3461, 0.3705, 0.3328



3.7252, 0.3214, 0.3197



4.4333, 0.5126, 0.2597



21.4375, 0.5251, 0.2666

Inverse Universe

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



11.3395, 0.3458, 0.2980



18.1631, 0.3556, 0.2909



16.0583, 0.2729, 0.3252



3.7252, 0.3214, 0.3197



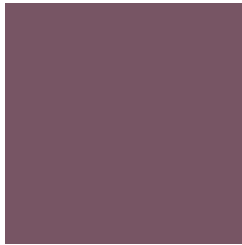
4.4333, 0.5126, 0.2597



21.4375, 0.5251, 0.2666

Previews

White Background



This preview shows how the Yxy color 11.3390, 0.3458, 0.2980 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 11.3390, 0.3458, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

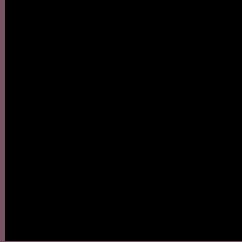
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3390, 0.3458, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 11.3390, 0.3458, 0.2980.



This preview shows how white text looks on a background with the Yxy color 11.3390, 0.3458, 0.2980.

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

11.3390, 0.3458, 0.2980

Protanopia

11.3732, 0.2946, 0.3014

Deuteranopia

11.3799, 0.3182, 0.3132



Tritanopia

11.2974, 0.3555, 0.3144

Trichromacy



Original Color

11.3390, 0.3458, 0.2980

Protanomaly

11.3064, 0.3110, 0.3000

Deuteranomaly

11.2338, 0.3283, 0.3071

Tritanomaly

11.3517, 0.3505, 0.3081

Monochromacy



Original Color

11.3390, 0.3458, 0.2980

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.7138, 0.3242, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3390, 0.3458, 0.2980 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(119, 85, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 85, 100) }
```

Border

The CSS property to change the border of an element to Yxy 11.3390, 0.3458, 0.2980 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, 100) }
```

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

```
.border{ border-color:rgb(119, 85, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(119, 85,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3390, 0.3458, 0.2980 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, 100) }
```

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

```
.background{ background-color: rgb(119, 85,  
100) }
```

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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