

Converting Colors

$Y_{xy}(11.3009, 0.3059, 0.2096)$

Have a look what the booklet for
Yxy(11.3009, 0.3059, 0.2096)
contains.

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Color

Yxy(11.3055, 0.3060, 0.2096)

Conversions

Conversions Part 1

Format	Color
Hex	84478C
RGB	132, 71, 140
RGB Percent	52%, 28%, 55%
CMY	0.4823, 0.7216, 0.4509
CMYK	0.06, 0.49, 0.00, 0.45
HSL	293°, 33%, 41%
HSV	293°, 49%, 55%
XYZ	16.5052, 11.3055, 26.1278
YIQ	97.1050, 14.2070, 34.3910

Conversions

Conversions Part 2

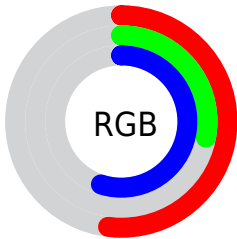
Format	Color
R_{YB}	132, 71, 140
Decimal	8669068
CIE _{Lab}	40.09, 37.18, -27.58
CIE _{LCh}	40, 46.293, 323.440
Yxy	11.3055, 0.3060, 0.2096
Android (android.graphics.Color)	4286859148 (0xFF84478C)
YUV	97.1050, 21.1472, 30.6029
Hunter-Lab	33.6237, 28.7806, -22.5357

Details

The Yxy color **11.3055, 0.3060, 0.2096** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **20.8762, 0.3131, 0.4757**, and the grayscale version is **11.9257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3789, 0.3096, 0.2362**, and **3.0006, 0.2975, 0.1654** is the 20% darker color. If you saturate the color by 10%, you get **9.5962, 0.3037, 0.1885**, and if you desaturate by 10%, it is **13.4282, 0.3080, 0.2329**.

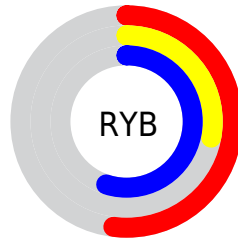
Distribution



Red (52%)

Green (28%)

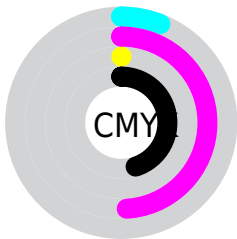
Blue (55%)



Red (52%)

Yellow (28%)

Blue (55%)

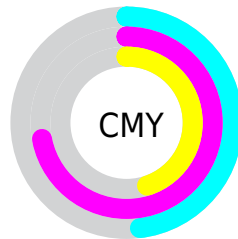


Cyan (6%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (48%)


Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3055, 0.3060, 0.2096 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 11.3055, 0.3060, 0.2096 by changing the saturation by 10% instead.


 11.3055, 0.3060,
0.2096

 11.3055, 0.3060,
0.2096


199.7516, 0.3122,
0.2765

 6.2727, 0.3028,
0.1904


 28.2237, 0.3093,
0.2358


 3.0116, 0.2973,
0.1645


 40.8779, 0.3102,
0.2450


 1.1378, 0.2868,
0.1281

 56.8414, 0.3108,
0.2526

 0.0100, 0.2844,
0.0031

 76.4986, 0.3112,
0.2590

 0.0000, 0.0000,
0.0000

 100.2338, 0.3116,
0.2644

128.4314, 0.3119,

0.2690

161.4759, 0.3121,
0.2730

■ 11.3055, 0.3060,
0.2096

■ 11.3055, 0.3060,
0.2096

■ 9.5962, 0.3037,
0.1885

■ 13.4282, 0.3080,
0.2329

■ 8.2701, 0.3012,
0.1704

■ 15.9887, 0.3096,
0.2574

■ 7.2956, 0.2985,
0.1561

■ 19.0112, 0.3110,
0.2824

■ 6.6350, 0.2956,
0.1459

■ 22.5178, 0.3120,
0.3069

■ 6.1934, 0.2927,
0.1390

■ 26.5290, 0.3128,
0.3306

■ 6.1636, 0.2925,
0.1385

■ 31.0643, 0.3133,
0.3530

■ 36.1421, 0.3136,
0.3739

■ 41.7799, 0.3138,
0.3932

■ 47.9944, 0.3139,
0.4109

Harmonies

Analogous

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



11.3055, 0.2181, 0.1841



11.3055, 0.3060, 0.2096



11.3055, 0.4130, 0.2577

Triad

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



11.3055, 0.3060, 0.2096



11.3055, 0.4671, 0.4606



11.3055, 0.1580, 0.2968

Complementary

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



11.3055, 0.3060, 0.2096



20.8762, 0.3131, 0.4757

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.



11.3055, 0.2082, 0.4125



11.3055, 0.3060, 0.2096



11.3055, 0.3860, 0.5151

Square

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



11.3055, 0.3060, 0.2096



11.3055, 0.5117, 0.3894



11.3055, 0.2918, 0.5067



11.3055, 0.1452, 0.2198

Rectangle

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



11.3055, 0.3060, 0.2096



11.3055, 0.4735, 0.2984



11.3055, 0.2918, 0.5067



11.3055, 0.1704, 0.3326

Sweetspot

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



11.3060, 0.3060, 0.2096



35.8676, 0.3114, 0.2922



8.8312, 0.2254, 0.1965



8.0068, 0.3112, 0.2876



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.3060, 0.3060, 0.2096



16.6659, 0.3035, 0.1866



11.2865, 0.3615, 0.2537



5.1001, 0.3120, 0.3073



5.4810, 0.2927, 0.1386



0.0403, 0.3075, 0.1468

Inverse Universe

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



10.6461, 0.4283, 0.3149



15.4399, 0.4707, 0.3128



20.9705, 0.2840, 0.4207



5.0574, 0.3263, 0.3265



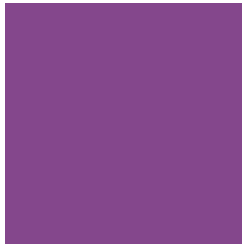
4.9896, 0.6215, 0.3197



0.0342, 0.5529, 0.2820

Previews

White Background



This preview shows how the Yxy color 11.3055, 0.3060, 0.2096 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

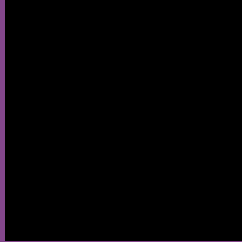
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3055, 0.3060, 0.2096

Background



This preview shows how black text looks on a background with the Yxy color 11.3055, 0.3060, 0.2096.



This preview shows how white text looks on a background with the Yxy color 11.3055, 0.3060, 0.2096.

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

11.3055, 0.3060, 0.2096

Protanopia

11.5252, 0.2139, 0.1974

Deuteranopia

11.4452, 0.2431, 0.2384



Tritanopia

11.2678, 0.3757, 0.3170

Trichromacy



Original Color

11.3055, 0.3060, 0.2096

Protanomaly

10.9881, 0.2390, 0.1985

Deuteranomaly

11.0584, 0.2625, 0.2254

Tritanomaly

11.2639, 0.3490, 0.2729

Monochromacy



Original Color

11.3055, 0.3060, 0.2096

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.4867, 0.3105, 0.2765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3055, 0.3060, 0.2096 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(132, 71, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 71, 140)  
}
```

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(132, 71, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 71, 140) }
```

Border

The CSS property to change the border of an element to Yxy 11.3055, 0.3060, 0.2096 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(132, 71, 140) }
```

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

```
.border{ border-color:rgb(132, 71, 140) }
```

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

Here you see how a box with a 4 pixel rgb(132, 71, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 71, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 71, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 71,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3055, 0.3060, 0.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 71, 140) }
```

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

```
.background{ background-color: rgb(132, 71,  
140) }
```

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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