

Converting Colors

$Y_{xy}(11.2729, 0.3093, 0.2686)$

Have a look what the booklet for
Yxy(11.2729, 0.3093, 0.2686)
contains.

Yxy(11.2729, 0.3093, 0.2686)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.2729, 0.3093, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	6F5673
RGB	111, 86, 115
RGB Percent	44%, 34%, 45%
CMY	0.5646, 0.6628, 0.5490
CMYK	0.03, 0.25, 0.00, 0.55
HSL	292°, 14%, 39%
HSV	292°, 25%, 45%
XYZ	12.9810, 11.2729, 17.7152
YIQ	96.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

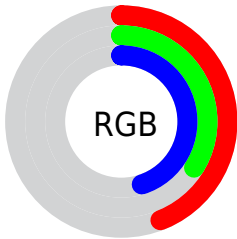
Format	Color
R_{YB}	111, 86, 115
Decimal	7296627
CIE _{Lab}	40.04, 15.95, -12.57
CIE _{LCh}	40, 20.311, 321.767
Yxy	11.2729, 0.3093, 0.2686
Android (android.graphics.Color)	4285486707 (0xFF6F5673)
YUV	96.7810, 8.9820, 12.4701
Hunter-Lab	33.5751, 10.2564, -7.7804

Details

The Yxy color **11.2729, 0.3093, 0.2686** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.1085, 0.3147, 0.3953**, and the grayscale version is **11.8749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1849, 0.3106, 0.2834**, and **2.9796, 0.3061, 0.2386** is the 20% darker color. If you saturate the color by 10%, you get **9.4809, 0.3074, 0.2441**, and if you desaturate by 10%, it is **13.3632, 0.3109, 0.2931**.

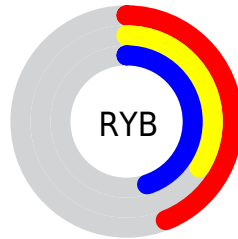
Distribution



Red (44%)

Green (34%)

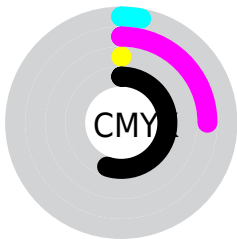
Blue (45%)



Red (44%)

Yellow (34%)

Blue (45%)

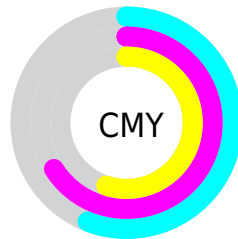


Cyan (3%)

Magenta (25%)

Yellow (0%)

Black (55%)



Cyan (56%)


Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2729, 0.3093, 0.2686 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 11.2729, 0.3093, 0.2686 by changing the saturation by 10% instead.


 11.2729, 0.3093,
0.2686


 11.2729, 0.3093,
0.2686


199.5304, 0.3119,
0.3044

 6.2507, 0.3081,
0.2570


 28.1637, 0.3106,
0.2834


 2.9981, 0.3059,
0.2400

 40.8011, 0.3110,
0.2883


 1.1307, 0.3013,
0.2128

 56.7457, 0.3112,
0.2923

 0.0040, 0.3071,
0.0031

 76.3819, 0.3114,
0.2956

 0.0000, 0.0000,
0.0000

 100.0940, 0.3116,
0.2984

128.2666, 0.3117,

0.3007

161.2839, 0.3118,
0.3027

■ 11.2729, 0.3093,
0.2686

■ 11.2729, 0.3093,
0.2686

■ 9.4809, 0.3074,
0.2441

■ 13.3632, 0.3109,
0.2931

■ 7.9717, 0.3051,
0.2203

■ 15.7636, 0.3122,
0.3169

■ 6.7305, 0.3024,
0.1980

■ 18.4870, 0.3131,
0.3397

■ 5.7406, 0.2995,
0.1782

■ 21.5450, 0.3139,
0.3611

■ 4.9832, 0.2963,
0.1617

■ 24.9488, 0.3144,
0.3809

■ 4.4373, 0.2929,
0.1490

■ 28.7090, 0.3147,
0.3992

■ 4.0651, 0.2895,
0.1400

■ 32.8357, 0.3149,
0.4159

■ 3.9034, 0.2879,
0.1360

■ 37.3387, 0.3150,
0.4311

■ 42.2273, 0.3149,
0.4449

Harmonies

Analogous

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



11.2729, 0.2671, 0.2563



11.2729, 0.3093, 0.2686



11.2729, 0.3555, 0.2943

Triad

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



11.2729, 0.3093, 0.2686



11.2729, 0.3900, 0.3959



11.2729, 0.2396, 0.3217

Complementary

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



11.2729, 0.3093, 0.2686



15.1085, 0.3147, 0.3953

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.



11.2729, 0.2687, 0.3669



11.2729, 0.3093, 0.2686



11.2729, 0.3554, 0.4112

Square

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



11.2729, 0.3093, 0.2686



11.2729, 0.4039, 0.3649



11.2729, 0.3108, 0.4014



11.2729, 0.2292, 0.2831

Rectangle

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



11.2729, 0.3093, 0.2686



11.2729, 0.3814, 0.3165



11.2729, 0.3108, 0.4014



11.2729, 0.2474, 0.3368

Sweetspot

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



11.2734, 0.3093, 0.2686



26.8831, 0.3118, 0.3099



10.5864, 0.2729, 0.2721



6.2807, 0.3117, 0.3069



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



11.2734, 0.3093, 0.2686



18.3362, 0.3083, 0.2549



11.3166, 0.3311, 0.2895



3.7337, 0.3117, 0.3079



4.4546, 0.2877, 0.1358



21.4331, 0.2858, 0.1348

Inverse Universe

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



11.0374, 0.3556, 0.3205



17.8532, 0.3683, 0.3186



15.0896, 0.2980, 0.3721



3.7083, 0.3256, 0.3261



4.2067, 0.6156, 0.3165



20.4228, 0.6250, 0.3217

Previews

White Background



This preview shows how the Yxy color 11.2729, 0.3093, 0.2686 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 11.2729, 0.3093, 0.2686 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 11.2729, 0.3093, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 11.2729, 0.3093, 0.2686.



This preview shows how white text looks on a background with the Yxy color 11.2729, 0.3093, 0.2686.

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

11.2729, 0.3093, 0.2686

Protanopia

11.4362, 0.2704, 0.2708

Deuteranopia

11.2489, 0.2855, 0.2797



Tritanopia

11.1774, 0.3330, 0.3136

Trichromacy



Original Color

11.2729, 0.3093, 0.2686

Protanomaly

11.2770, 0.2831, 0.2698

Deuteranomaly

11.2366, 0.2940, 0.2765

Tritanomaly

11.2099, 0.3239, 0.2965

Monochromacy



Original Color

11.2729, 0.3093, 0.2686

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.6530, 0.3108, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2729, 0.3093, 0.2686 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(111, 86, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 86, 115)  
}
```

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(111, 86, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 86, 115) }
```

Border

The CSS property to change the border of an element to Yxy 11.2729, 0.3093, 0.2686 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(111, 86, 115) }
```

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

```
.border{ border-color:rgb(111, 86, 115) }
```

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

Here you see how a box with a 4 pixel rgb(111, 86, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 86, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 86, 115);  
box-shadow:4px 4px 4px 4px rgb(111, 86,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2729, 0.3093, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 86, 115) }
```

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

```
.background{ background-color: rgb(111, 86,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor