

Converting Colors

$Y_{xy}(11.1908, 0.3030, 0.2705)$

Have a look what the booklet for
Yxy(11.1908, 0.3030, 0.2705)
contains.

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Color

Yxy(11.1800, 0.3031, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	6B5773
RGB	107, 87, 115
RGB Percent	42%, 34%, 45%
CMY	0.5803, 0.6589, 0.5490
CMYK	0.07, 0.24, 0.00, 0.55
HSL	283°, 14%, 40%
HSV	283°, 24%, 45%
XYZ	12.5692, 11.1800, 17.7196
YIQ	96.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

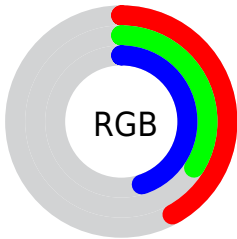
Format	Color
R_{YB}	107, 87, 115
Decimal	7034739
CIE _{Lab}	39.88, 13.87, -12.84
CIE _{LCh}	40, 18.902, 317.192
Yxy	11.1800, 0.3031, 0.2696
Android (android.graphics.Color)	4285224819 (0xFF6B5773)
YUV	96.1720, 9.2822, 9.4962
Hunter-Lab	33.4365, 8.5865, -8.0151

Details

The Yxy color **11.1800, 0.3031, 0.2696** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.3847, 0.3200, 0.3917**, and the grayscale version is **11.7186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0523, 0.3063, 0.2844**, and **2.9209, 0.2955, 0.2391** is the 20% darker color. If you saturate the color by 10%, you get **9.2650, 0.2980, 0.2438**, and if you desaturate by 10%, it is **13.4005, 0.3075, 0.2948**.

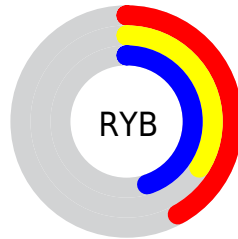
Distribution



Red (42%)

Green (34%)

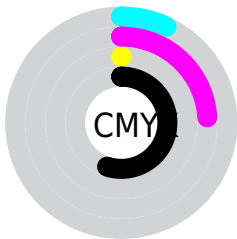
Blue (45%)



Red (42%)

Yellow (34%)

Blue (45%)

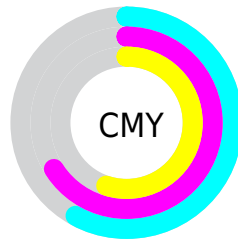


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (55%)



Cyan (58%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.1800, 0.3031, 0.2696 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 11.1800, 0.3031, 0.2696 by changing the saturation by 10% instead.

■ 11.1800, 0.3031,
0.2696

■ 11.1800, 0.3031,
0.2696

■ 198.8983, 0.3095,
0.3050

■ 6.1880, 0.3006,
0.2581

■ 27.9925, 0.3060,
0.2842

■ 2.9598, 0.2965,
0.2411

■ 40.5819, 0.3068,
0.2891

■ 1.1108, 0.2888,
0.2138

■ 56.4725, 0.3075,
0.2931

■ 0.0000, 0.2695,
0.0000

■ 76.0488, 0.3081,
0.2963

■ 0.0000, 0.0000,
0.0000

■ 99.6951, 0.3085,
0.2990

127.7959, 0.3089,

0.3013

160.7355, 0.3092,
0.3033

■ 11.1800, 0.3031,
0.2696

■ 11.1800, 0.3031,
0.2696

■ 9.2650, 0.2980,
0.2438

■ 13.4005, 0.3075,
0.2948

■ 7.6398, 0.2922,
0.2181

■ 15.9381, 0.3113,
0.3189

■ 6.2897, 0.2857,
0.1933

■ 18.8058, 0.3144,
0.3416

■ 5.1981, 0.2788,
0.1706

■ 22.0153, 0.3170,
0.3626

■ 4.3465, 0.2715,
0.1508

■ 25.5777, 0.3191,
0.3818

■ 3.7137, 0.2641,
0.1348

■ 29.5036, 0.3207,
0.3994

■ 3.2674, 0.2568,
0.1229

■ 33.8033, 0.3220,
0.4154

■ 3.0425, 0.2527,
0.1166

■ 38.4865, 0.3231,
0.4298

■ 43.5626, 0.3238,
0.4428

Harmonies

Analogous

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



11.1800, 0.2651, 0.2603



11.1800, 0.3031, 0.2696



11.1800, 0.3464, 0.2921

Triad

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



11.1800, 0.3031, 0.2696



11.1800, 0.3884, 0.3881



11.1800, 0.2473, 0.3288

Complementary

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



11.1800, 0.3031, 0.2696



15.3847, 0.3200, 0.3917

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.



11.1800, 0.2771, 0.3702



11.1800, 0.3031, 0.2696



11.1800, 0.3586, 0.4048

Square

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



11.1800, 0.3031, 0.2696



11.1800, 0.3976, 0.3579



11.1800, 0.3177, 0.3993



11.1800, 0.2347, 0.2910

Rectangle

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



11.1800, 0.3031, 0.2696



11.1800, 0.3718, 0.3124



11.1800, 0.3177, 0.3993



11.1800, 0.2556, 0.3429

Sweetspot

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



11.1805, 0.3031, 0.2696



27.1935, 0.3103, 0.3123



11.5202, 0.2752, 0.2842



6.4428, 0.3101, 0.3113



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.



11.1805, 0.3031, 0.2696



18.0989, 0.3004, 0.2557



11.5737, 0.3238, 0.2826



3.7080, 0.3096, 0.3078



3.4662, 0.2522, 0.1163



16.4409, 0.2486, 0.1143

Inverse Universe

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



11.2865, 0.3468, 0.3120



18.3426, 0.3568, 0.3081



15.0739, 0.3033, 0.3803



3.7164, 0.3235, 0.3230



4.2875, 0.5728, 0.2929



20.7633, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 11.1800, 0.3031, 0.2696 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 11.1800, 0.3031, 0.2696 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 11.1800, 0.3031, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 11.1800, 0.3031, 0.2696.



This preview shows how white text looks on a background with the Yxy color 11.1800, 0.3031, 0.2696.

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

11.1800, 0.3031, 0.2696

Protanopia

11.2353, 0.2713, 0.2705

Deuteranopia

11.1964, 0.2841, 0.2795



Tritanopia

11.1185, 0.3247, 0.3133

Trichromacy



Original Color

11.1800, 0.3031, 0.2696

Protanomaly

11.2231, 0.2817, 0.2695

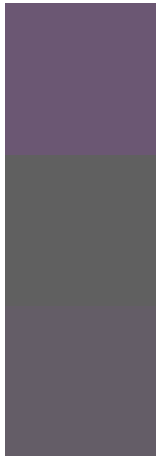
Deuteranomaly

11.1239, 0.2911, 0.2760

Tritanomaly

11.1475, 0.3159, 0.2960

Monochromacy



Original Color

11.1800, 0.3031, 0.2696

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.5173, 0.3092, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1800, 0.3031, 0.2696 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(107, 87, 115)` looks like.

```
.text, #text, p{  
  color:rgb(107, 87, 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(107, 87, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 87, 115) }
```

Border

The CSS property to change the border of an element to Yxy 11.1800, 0.3031, 0.2696 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(107, 87, 115) }
```

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

```
.border{ border-color:rgb(107, 87, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 87, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 87, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 87, 115);  
box-shadow:4px 4px 4px 4px rgb(107, 87,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1800, 0.3031, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 87, 115) }
```

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

```
.background{ background-color: rgb(107, 87,  
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](#).

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