

Converting Colors

$Y_{xy}(10.6606, 0.2812, 0.2701)$

Have a look what the booklet for
Yxy(10.6606, 0.2812, 0.2701)
contains.

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Color

$Y_{xy}(10.6579, 0.2810, 0.2703)$

Conversions

Conversions Part 1

Format	Color
Hex	5C5973
RGB	92, 89, 115
RGB Percent	36%, 35%, 45%
CMY	0.6392, 0.6510, 0.5490
CMYK	0.20, 0.23, 0.00, 0.55
HSL	247°, 13%, 40%
HSV	247°, 23%, 45%
XYZ	11.0798, 10.6579, 17.6922
YIQ	92.8610, -6.5580, 8.7220

Conversions

Conversions Part 2

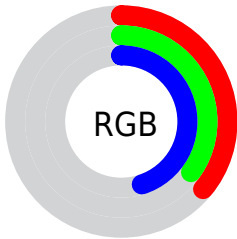
Format	Color
R_{YB}	92, 89, 115
Decimal	6052211
CIE _{Lab}	39.00, 7.19, -14.31
CIE _{LCh}	39, 16.016, 296.670
Yxy	10.6579, 0.2810, 0.2703
Android (android.graphics.Color)	4284242291 (0xFF5C5973)
YUV	92.8610, 10.9145, -0.7551
Hunter-Lab	32.6464, 3.4494, -9.2787

Details

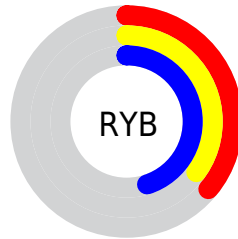
The Yxy color **10.6579, 0.2810, 0.2703** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.4279, 0.3407, 0.3830**, and the grayscale version is **10.8875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0949, 0.2899, 0.2853**, and **2.7875, 0.2640, 0.2421** is the 20% darker color. If you saturate the color by 10%, you get **8.4021, 0.2642, 0.2400**, and if you desaturate by 10%, it is **13.2841, 0.2961, 0.2980**.

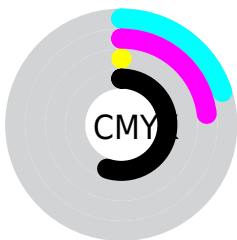
Distribution



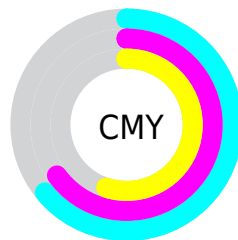
- Red (36%)
- Green (35%)
- Blue (45%)



- Red (36%)
- Yellow (35%)
- Blue (45%)



- Cyan (20%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.6579, 0.2810, 0.2703 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 10.6579, 0.2810, 0.2703 by changing the saturation by 10% instead.

■ 10.6579, 0.2810,
0.2703

■ 10.6579, 0.2810,
0.2703

■ 195.3053, 0.3008,
0.3058

■ 5.8373, 0.2740,
0.2584

■ 27.0258, 0.2895,
0.2851

■ 2.7464, 0.2631,
0.2407

■ 39.3419, 0.2922,
0.2901

■ 1.0008, 0.2440,
0.2115

■ 54.9253, 0.2944,
0.2940

■ 0.0000, 0.0738,
0.0000

■ 74.1603, 0.2962,
0.2972

■ 0.0000, 0.0000,
0.0000

■ 97.4315, 0.2976,
0.2999

125.1231, 0.2988,

0.3022

157.6195, 0.2999,
0.3041

■ 10.6579, 0.2810,
0.2703

■ 10.6579, 0.2810,
0.2703

■ 8.4021, 0.2642,
0.2400

■ 13.2841, 0.2961,
0.2980

■ 6.4986, 0.2460,
0.2079

■ 16.2949, 0.3095,
0.3230

■ 4.9301, 0.2270,
0.1751

■ 19.7054, 0.3212,
0.3451

■ 3.6771, 0.2080,
0.1433

■ 23.5296, 0.3313,
0.3645

■ 2.7179, 0.1902,
0.1145

■ 27.7806, 0.3400,
0.3815

■ 2.0284, 0.1749,
0.0908

■ 32.4712, 0.3475,
0.3963

■ 1.5791, 0.1630,
0.0738

■ 37.6135, 0.3539,
0.4093

■ 1.3250, 0.1562,
0.0634

■ 43.2190, 0.3595,
0.4205

■ 49.2992, 0.3642,
0.4303

Harmonies

Analogous

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



10.6579, 0.2555, 0.2720



10.6579, 0.2810, 0.2703



10.6579, 0.3164, 0.2824

Triad

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



10.6579, 0.2810, 0.2703



10.6579, 0.3855, 0.3636



10.6579, 0.2726, 0.3536

Complementary

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



10.6579, 0.2810, 0.2703



16.4279, 0.3407, 0.3830

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.



10.6579, 0.3058, 0.3829



10.6579, 0.2810, 0.2703



10.6579, 0.3717, 0.3865

Square

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



10.6579, 0.2810, 0.2703



10.6579, 0.3787, 0.3341



10.6579, 0.3421, 0.3948



10.6579, 0.2508, 0.3180

Rectangle

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



10.6579, 0.2810, 0.2703



10.6579, 0.3412, 0.2966



10.6579, 0.3421, 0.3948



10.6579, 0.2827, 0.3648

Sweetspot

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



10.6583, 0.2810, 0.2703



26.6229, 0.3036, 0.3119



15.0385, 0.2806, 0.3232



6.2995, 0.3031, 0.3109



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.



10.6583, 0.2810, 0.2703



16.9423, 0.2726, 0.2551



11.3626, 0.2994, 0.2734



3.6082, 0.3011, 0.3072



1.5090, 0.1559, 0.0632



7.1530, 0.1533, 0.0618

Inverse Universe

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



11.9605, 0.3196, 0.2817



19.7102, 0.3214, 0.2708



15.6578, 0.3235, 0.3860



3.7510, 0.3153, 0.3104



5.2566, 0.3510, 0.1707



25.5355, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 10.6579, 0.2810, 0.2703 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 10.6579, 0.2810, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

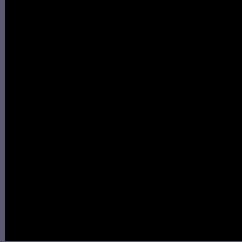
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6579, 0.2810, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 10.6579, 0.2810, 0.2703.



This preview shows how white text looks on a background with the Yxy color 10.6579, 0.2810, 0.2703.

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

10.6579, 0.2810, 0.2703

Protanopia

10.6744, 0.2705, 0.2714

Deuteranopia

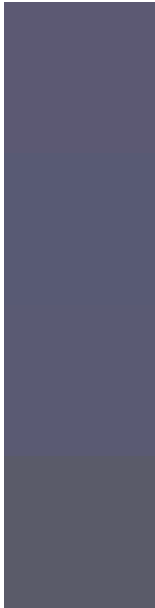
10.6740, 0.2769, 0.2719



Tritanopia

10.6790, 0.2982, 0.3122

Trichromacy



Original Color

10.6579, 0.2810, 0.2703

Protanomaly

10.6480, 0.2743, 0.2696

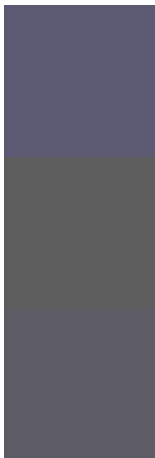
Deuteranomaly

10.7238, 0.2783, 0.2722

Tritanomaly

10.6758, 0.2914, 0.2961

Monochromacy



Original Color

10.6579, 0.2810, 0.2703

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9210, 0.3014, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6579, 0.2810, 0.2703 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(92, 89, 115)` looks like.

```
.text, #text, p{  
    color:rgb(92, 89, 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(92, 89, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 89, 115) }
```

Border

The CSS property to change the border of an element to Yxy 10.6579, 0.2810, 0.2703 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(92, 89, 115) }
```

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

```
.border{ border-color:rgb(92, 89, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 89, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 89, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 89, 115);  
box-shadow:4px 4px 4px 4px rgb(92, 89,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6579, 0.2810, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 89, 115) }
```

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

```
.background{ background-color: rgb(92, 89,  
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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