

Converting Colors

$Y_{xy}(10.0848, 0.2752, 0.2623)$

Have a look what the booklet for
Yxy(10.0848, 0.2752, 0.2623)
contains.

Yxy(10.0404, 0.2750, 0.2605)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(10.0404, 0.2750, 0.2605)$

Conversions

Conversions Part 1

Format	Color
Hex	595674
RGB	89, 86, 116
RGB Percent	35%, 34%, 45%
CMY	0.6510, 0.6627, 0.5451
CMYK	0.23, 0.26, 0.00, 0.55
HSL	246°, 15%, 40%
HSV	246°, 26%, 45%
XYZ	10.5993, 10.0404, 17.9031
YIQ	90.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

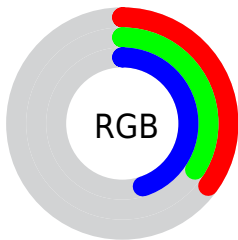
Format	Color
R_{YB}	89, 86, 116
Decimal	5854836
CIE _{Lab}	37.91, 8.28, -16.61
CIE _{LCh}	38, 18.559, 296.480
Yxy	10.0404, 0.2750, 0.2605
Android (android.graphics.Color)	4284044916 (0xFF595674)
YUV	90.3170, 12.6617, -1.1550
Hunter-Lab	31.6866, 4.2573, -11.3186

Details

The Yxy color **10.0404, 0.2750, 0.2605** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.6755, 0.3455, 0.3909**, and the grayscale version is **10.2715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.9244, 0.2849, 0.2785**, and **2.5168, 0.2539, 0.2256** is the 20% darker color. If you saturate the color by 10%, you get **7.8556, 0.2574, 0.2294**, and if you desaturate by 10%, it is **12.6001, 0.2910, 0.2892**.

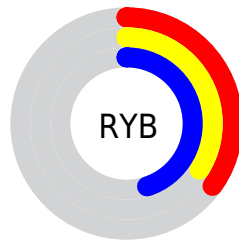
Distribution



Red (35%)

Green (34%)

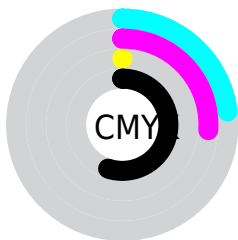
Blue (45%)



Red (35%)

Yellow (34%)

Blue (45%)

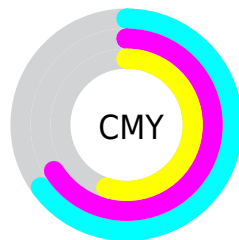


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.0404, 0.2750, 0.2605 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 10.0404, 0.2750, 0.2605 by changing the saturation by 10% instead.

■ 10.0404, 0.2750,
0.2605

■ 10.0404, 0.2750,
0.2605

■ 190.9602, 0.2987,
0.3020

■ 5.4258, 0.2665,
0.2466

■ 25.8715, 0.2852,
0.2779

■ 2.4992, 0.2533,
0.2259

■ 37.8567, 0.2885,
0.2836

■ 0.8762, 0.2302,
0.1921

■ 53.0675, 0.2911,
0.2882

■ 0.0000, 0.0000,
0.0000

■ 71.8884, 0.2932,
0.2920

■ 94.7037, 0.2949,
0.2951

121.8978, 0.2964,

0.2978

153.8552, 0.2976,
0.3000

■ 10.0404, 0.2750,
0.2605

■ 10.0404, 0.2750,
0.2605

■ 7.8556, 0.2574,
0.2294

■ 12.6001, 0.2910,
0.2892

■ 6.0269, 0.2386,
0.1967

■ 15.5498, 0.3052,
0.3152

■ 4.5357, 0.2193,
0.1638

■ 18.9054, 0.3177,
0.3382

■ 3.3613, 0.2004,
0.1326

■ 22.6815, 0.3285,
0.3585

■ 2.4806, 0.1833,
0.1052

■ 26.8919, 0.3378,
0.3762

■ 1.8674, 0.1692,
0.0836

■ 31.5498, 0.3459,
0.3916

■ 1.4743, 0.1587,
0.0685

■ 36.6680, 0.3528,
0.4051

■ 1.3359, 0.1553,
0.0629

■ 42.2586, 0.3587,
0.4168

■ 48.3333, 0.3638,
0.4270

Harmonies

Analogous

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



10.0404, 0.2455, 0.2621



10.0404, 0.2750, 0.2605



10.0404, 0.3165, 0.2745

Triad

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



10.0404, 0.2750, 0.2605



10.0404, 0.3988, 0.3687



10.0404, 0.2655, 0.3584

Complementary

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



10.0404, 0.2750, 0.2605



16.6755, 0.3455, 0.3909

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.



10.0404, 0.3043, 0.3937



10.0404, 0.2750, 0.2605



10.0404, 0.3822, 0.3963

Square

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



10.0404, 0.2750, 0.2605



10.0404, 0.3907, 0.3342



10.0404, 0.3472, 0.4072



10.0404, 0.2402, 0.3157

Rectangle

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



10.0404, 0.2750, 0.2605



10.0404, 0.3460, 0.2909



10.0404, 0.3472, 0.4072



10.0404, 0.2773, 0.3719

Sweetspot

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



10.0408, 0.2750, 0.2605



26.0543, 0.3020, 0.3093



15.1626, 0.2763, 0.3234



6.0543, 0.3003, 0.3061



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.



10.0408, 0.2750, 0.2605



15.2955, 0.2647, 0.2423



10.8310, 0.2964, 0.2646



3.6057, 0.3009, 0.3072



1.4945, 0.1550, 0.0627



7.1007, 0.1526, 0.0615

Inverse Universe

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



11.5624, 0.3200, 0.2738



18.4588, 0.3220, 0.2611



15.7883, 0.3257, 0.3950



3.7520, 0.3150, 0.3101



5.2975, 0.3467, 0.1683



25.7441, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 10.0404, 0.2750, 0.2605 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 10.0404, 0.2750, 0.2605 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 10.0404, 0.2750, 0.2605

Background



This preview shows how black text looks on a background with the Yxy color 10.0404, 0.2750, 0.2605.

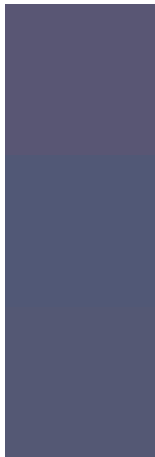


This preview shows how white text looks on a background with the Yxy color 10.0404, 0.2750, 0.2605.

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

10.0404, 0.2750, 0.2605

Protanopia

10.0368, 0.2621, 0.2591

Deuteranopia

10.1252, 0.2685, 0.2640



Tritanopia

10.1067, 0.2949, 0.3117

Trichromacy



Original Color

10.0404, 0.2750, 0.2605

Protanomaly

9.9856, 0.2671, 0.2595

Deuteranomaly

10.0558, 0.2710, 0.2621

Tritanomaly

10.1227, 0.2867, 0.2929

Monochromacy



Original Color

10.0404, 0.2750, 0.2605

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.2193, 0.2997, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0404, 0.2750, 0.2605 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(89, 86, 116) looks like.

```
.text, #text, p{  
    color:rgb(89, 86, 116)  
}
```

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(89, 86, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 86, 116) }
```

Border

The CSS property to change the border of an element to Yxy 10.0404, 0.2750, 0.2605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

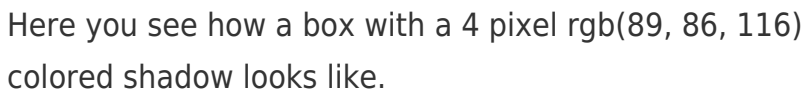
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 86, 116) }
```

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

```
.border{ border-color:rgb(89, 86, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 86, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 86, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 86, 116);  
box-shadow:4px 4px 4px 4px rgb(89, 86,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0404, 0.2750, 0.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 86, 116) }
```

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

```
.background{ background-color: rgb(89, 86,  
116) }
```

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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