

Converting Colors

$Y_{xy}(10.4623, 0.3152, 0.2752)$

Have a look what the booklet for
Yxy(10.4623, 0.3152, 0.2752)
contains.

Yxy(10.4574, 0.3152, 0.2751)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.4574, 0.3152, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	6C536C
RGB	108, 83, 108
RGB Percent	42%, 33%, 42%
CMY	0.5766, 0.6745, 0.5765
CMYK	0.00, 0.23, 0.00, 0.58
HSL	300°, 13%, 37%
HSV	300°, 23%, 42%
XYZ	11.9817, 10.4574, 15.5740
YIQ	93.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

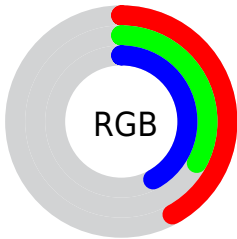
Format	Color
R _Y B	108, 83, 108
Decimal	7099244
CIE Lab	38.65, 15.14, -10.37
CIE LCh	39, 18.350, 325.595
Yxy	10.4574, 0.3152, 0.2751
Android (android.graphics.Color)	4285289324 (0xFF6C536C)
YUV	93.3250, 7.2348, 12.8700
Hunter-Lab	32.3379, 9.5459, -5.9176

Details

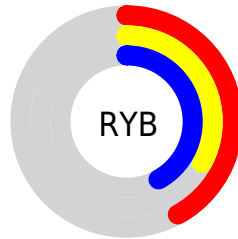
The Yxy color **10.4574, 0.3152, 0.2751** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.1906, 0.3099, 0.3895**, and the grayscale version is **11.0077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7518, 0.3157, 0.2898**, and **2.6838, 0.3137, 0.2477** is the 20% darker color. If you saturate the color by 10%, you get **8.9309, 0.3163, 0.2518**, and if you desaturate by 10%, it is **12.2423, 0.3141, 0.2987**.

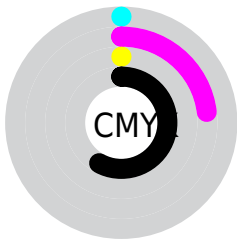
Distribution



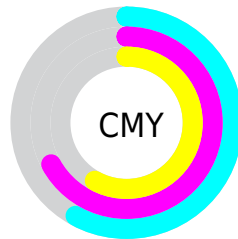
- Red (42%)
- Green (33%)
- Blue (42%)



- Red (42%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (58%)





- Cyan (58%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.4574, 0.3152, 0.2751 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 10.4574, 0.3152, 0.2751 by changing the saturation by 10% instead.

 10.4574, 0.3152,
0.2751


 10.4574, 0.3152,
0.2751


193.9062, 0.3141,
0.3075


 5.7033, 0.3153,
0.2643


 26.6523, 0.3149,
0.2886


 2.6655, 0.3151,
0.2482

 38.8619, 0.3147,
0.2931


 0.9597, 0.3140,
0.2216

 54.3255, 0.3146,
0.2967

 0.0000, 0.2882,
0.0000

 73.4274, 0.3145,
0.2997

 0.0000, 0.0000,
0.0000

 96.5520, 0.3144,
0.3021

124.0837, 0.3143,

0.3042

156.4070, 0.3142,
0.3060

■ 10.4574, 0.3152,
0.2751

■ 10.4574, 0.3152,
0.2751

■ 8.9309, 0.3163,
0.2518

■ 12.2423, 0.3141,
0.2987

■ 7.6496, 0.3173,
0.2295

■ 14.2954, 0.3130,
0.3219

■ 6.6010, 0.3182,
0.2090

■ 16.6275, 0.3120,
0.3443

■ 5.7713, 0.3190,
0.1911

■ 19.2487, 0.3110,
0.3655

■ 5.1448, 0.3197,
0.1765

■ 22.1682, 0.3101,
0.3853

■ 4.7043, 0.3202,
0.1655

■ 25.3951, 0.3093,
0.4036

■ 4.4249, 0.3205,
0.1583

■ 28.9381, 0.3085,
0.4205

■ 4.2634, 0.3207,
0.1540

■ 32.8053, 0.3078,
0.4358

■ 37.0048, 0.3071,
0.4498

Harmonies

Analogous

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



10.4574, 0.2749, 0.2619



10.4574, 0.3152, 0.2751



10.4574, 0.3574, 0.3005

Triad

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



10.4574, 0.3152, 0.2751



10.4574, 0.3813, 0.3941



10.4574, 0.2424, 0.3173

Complementary

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



10.4574, 0.3152, 0.2751



13.1906, 0.3099, 0.3895

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.



10.4574, 0.2676, 0.3589



10.4574, 0.3152, 0.2751



10.4574, 0.3476, 0.4052

Square

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



10.4574, 0.3152, 0.2751



10.4574, 0.3969, 0.3669



10.4574, 0.3058, 0.3927



10.4574, 0.2350, 0.2831

Rectangle

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



10.4574, 0.3152, 0.2751



10.4574, 0.3800, 0.3218



10.4574, 0.3058, 0.3927



10.4574, 0.2490, 0.3310

Sweetspot

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



10.4579, 0.3152, 0.2751



23.5777, 0.3135, 0.3125



9.1751, 0.2762, 0.2695



5.6747, 0.3135, 0.3117



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.4579, 0.3152, 0.2751



16.7978, 0.3158, 0.2619



10.2200, 0.3346, 0.3004



3.1637, 0.3137, 0.3084



5.0852, 0.3207, 0.1540



25.9088, 0.3206, 0.1540

Inverse Universe

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



10.0021, 0.3567, 0.3291



15.8407, 0.3710, 0.3291



13.3925, 0.2953, 0.3596



3.1168, 0.3272, 0.3290



3.8030, 0.6399, 0.3299



19.3771, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 10.4574, 0.3152, 0.2751 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 10.4574, 0.3152, 0.2751 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 10.4574, 0.3152, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 10.4574, 0.3152, 0.2751.



This preview shows how white text looks on a background with the Yxy color 10.4574, 0.3152, 0.2751.

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

10.4574, 0.3152, 0.2751

Protanopia

10.4830, 0.2753, 0.2755

Deuteranopia

10.4816, 0.2916, 0.2872



Tritanopia

10.5101, 0.3353, 0.3133

Trichromacy



Original Color

10.4574, 0.3152, 0.2751

Protanomaly

10.3438, 0.2890, 0.2744

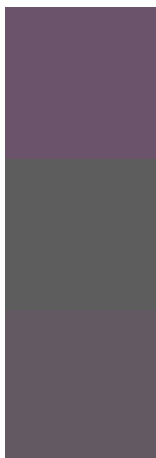
Deuteranomaly

10.4746, 0.3006, 0.2837

Tritanomaly

10.5046, 0.3291, 0.3002

Monochromacy



Original Color

10.4574, 0.3152, 0.2751

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.6233, 0.3137, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.4574, 0.3152, 0.2751 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(108, 83, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 83, 108)  
}
```

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(108, 83, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 83, 108) }
```

Border

The CSS property to change the border of an element to Yxy 10.4574, 0.3152, 0.2751 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(108, 83, 108) }
```

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

```
.border{ border-color:rgb(108, 83, 108) }
```

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

Here you see how a box with a 4 pixel rgb(108, 83, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 83, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 83, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 83,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 10.4574, 0.3152, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 83, 108) }
```

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

```
.background{ background-color: rgb(108, 83,  
108) }
```

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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