

Converting Colors

$Y_{xy}(10.1596, 0.3093, 0.2611)$

Have a look what the booklet for
Yxy(10.1596, 0.3093, 0.2611)
contains.

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Color

Yxy(10.0953, 0.3093, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	6C5070
RGB	108, 80, 112
RGB Percent	42%, 31%, 44%
CMY	0.5765, 0.6863, 0.5607
CMYK	0.04, 0.29, 0.00, 0.56
HSL	292°, 17%, 38%
HSV	292°, 29%, 44%
XYZ	11.9773, 10.0953, 16.6512
YIQ	92.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

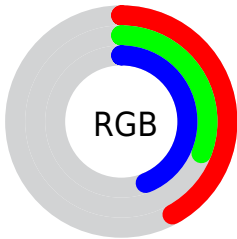
Format	Color
R_{YB}	108, 80, 112
Decimal	7098480
CIE _{Lab}	38.01, 17.86, -13.83
CIE _{LCh}	38, 22.587, 322.253
Yxy	10.0953, 0.3093, 0.2607
Android (android.graphics.Color)	4285288560 (0xFF6C5070)
YUV	92.0200, 9.8501, 14.0145
Hunter-Lab	31.7731, 11.6849, -8.8308

Details

The Yxy color **10.0953, 0.3093, 0.2607** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.0576, 0.3143, 0.4052**, and the grayscale version is **10.6833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1192, 0.3107, 0.2781**, and **2.5329, 0.3059, 0.2285** is the 20% darker color. If you saturate the color by 10%, you get **8.5021, 0.3075, 0.2365**, and if you desaturate by 10%, it is **11.9643, 0.3108, 0.2851**.

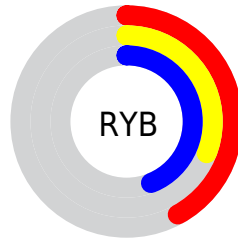
Distribution



Red (42%)

Green (31%)

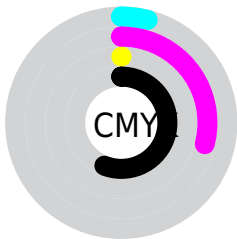
Blue (44%)



Red (42%)

Yellow (31%)

Blue (44%)

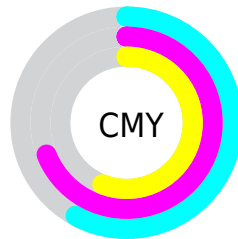


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.0953, 0.3093, 0.2607 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 10.0953, 0.3093, 0.2607 by changing the saturation by 10% instead.

10.0953, 0.3093,
0.2607

10.0953, 0.3093,
0.2607

191.3509, 0.3121,
0.3016

5.4622, 0.3079,
0.2473

25.9746, 0.3107,
0.2776

2.5209, 0.3052,
0.2274

37.9896, 0.3111,
0.2833

0.8871, 0.2995,
0.1954

53.2340, 0.3114,
0.2879

0.0000, 0.2378,
0.0000

72.0922, 0.3116,
0.2916

0.0000, 0.0000,
0.0000

94.9486, 0.3118,
0.2947

122.1875, 0.3119,

0.2974

154.1935, 0.3120,
0.2996

■ 10.0953, 0.3093,
0.2607

■ 10.0953, 0.3093,
0.2607

■ 8.5021, 0.3075,
0.2365

■ 11.9643, 0.3108,
0.2851

■ 7.1699, 0.3054,
0.2133

■ 14.1205, 0.3119,
0.3091

■ 6.0844, 0.3030,
0.1920

■ 16.5760, 0.3128,
0.3322

■ 5.2294, 0.3003,
0.1735

■ 19.3422, 0.3135,
0.3540

■ 4.5867, 0.2973,
0.1584

■ 22.4295, 0.3139,
0.3744

■ 4.1356, 0.2943,
0.1472

■ 25.8482, 0.3142,
0.3932

■ 3.8084, 0.2912,
0.1387

■ 29.6077, 0.3143,
0.4104

■ 3.7626, 0.2907,
0.1375

■ 33.7174, 0.3144,
0.4261

■ 38.1861, 0.3143,
0.4404

Harmonies

Analogous

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



10.0953, 0.2610, 0.2464



10.0953, 0.3093, 0.2607



10.0953, 0.3627, 0.2898

Triad

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



10.0953, 0.3093, 0.2607



10.0953, 0.4008, 0.4056



10.0953, 0.2287, 0.3191

Complementary

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



10.0953, 0.3093, 0.2607



14.0576, 0.3143, 0.4052

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.



10.0953, 0.2612, 0.3721



10.0953, 0.3093, 0.2607



10.0953, 0.3604, 0.4242

Square

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



10.0953, 0.3093, 0.2607



10.0953, 0.4178, 0.3697



10.0953, 0.3091, 0.4132



10.0953, 0.2177, 0.2752

Rectangle

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



10.0953, 0.3093, 0.2607



10.0953, 0.3927, 0.3148



10.0953, 0.3091, 0.4132



10.0953, 0.2373, 0.3366

Sweetspot

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



10.0957, 0.3093, 0.2607



24.5333, 0.3119, 0.3076



9.2591, 0.2669, 0.2622



5.7822, 0.3117, 0.3048



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.0957, 0.3093, 0.2607



15.9087, 0.3082, 0.2454



10.1094, 0.3349, 0.2853



3.4332, 0.3119, 0.3081



4.3418, 0.2905, 0.1374



21.3710, 0.2888, 0.1365

Inverse Universe

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



9.8245, 0.3636, 0.3202



15.3670, 0.3793, 0.3182



14.0659, 0.2957, 0.3772



3.4077, 0.3256, 0.3264



4.0171, 0.6177, 0.3176



19.9374, 0.6269, 0.3227

Previews

White Background



This preview shows how the Yxy color 10.0953, 0.3093, 0.2607 looks on a white background.

Color Contrast Check

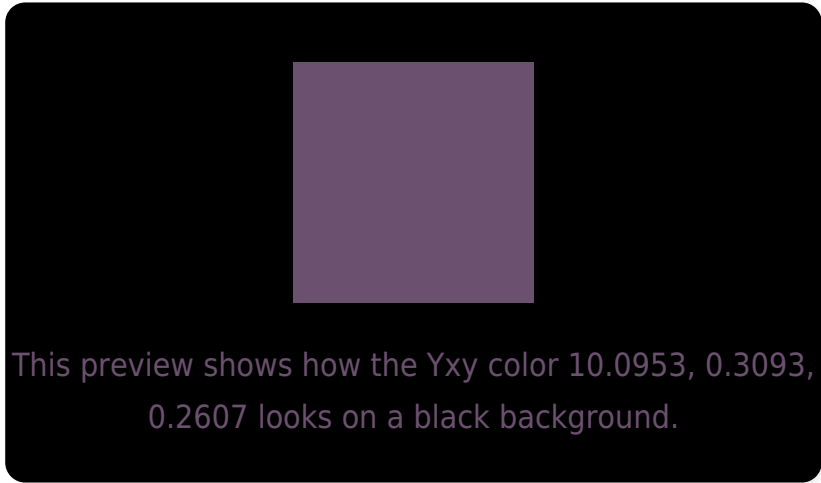
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.0953, 0.3093, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 10.0953, 0.3093, 0.2607.

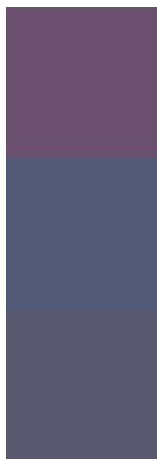


This preview shows how white text looks on a background with the Yxy color 10.0953, 0.3093, 0.2607.

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

10.0953, 0.3093, 0.2607

Protanopia

10.2466, 0.2637, 0.2618

Deuteranopia

10.2019, 0.2803, 0.2754



Tritanopia

10.0992, 0.3374, 0.3131

Trichromacy



Original Color

10.0953, 0.3093, 0.2607

Protanomaly

10.1407, 0.2779, 0.2610

Deuteranomaly

10.0776, 0.2903, 0.2700

Tritanomaly

10.1515, 0.3262, 0.2933

Monochromacy



Original Color

10.0953, 0.3093, 0.2607

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4770, 0.3123, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0953, 0.3093, 0.2607 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, 80, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 80, 112)  
}
```

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, 80, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 80, 112) }
```

Border

The CSS property to change the border of an element to Yxy 10.0953, 0.3093, 0.2607 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, 80, 112) }
```

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

```
.border{ border-color:rgb(108, 80, 112) }
```

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

Here you see how a box with a 4 pixel rgb(108, 80, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 80, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 80, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 80,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0953, 0.3093, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 80, 112) }
```

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

```
.background{ background-color: rgb(108, 80,  
112) }
```

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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