

Converting Colors

$Y_{xy}(11.1040, 0.3367, 0.3079)$

Have a look what the booklet for
Yxy(11.1040, 0.3367, 0.3079)
contains.

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Color

Yxy(11.0590, 0.3368, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	6F5761
RGB	111, 87, 97
RGB Percent	44%, 34%, 38%
CMY	0.5648, 0.6588, 0.6196
CMYK	0.00, 0.22, 0.13, 0.56
HSL	335°, 12%, 39%
HSV	335°, 22%, 44%
XYZ	12.1206, 11.0590, 12.8080
YIQ	95.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

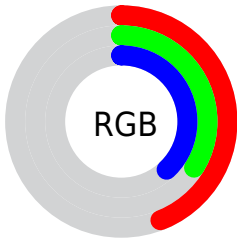
Format	Color
R_{YB}	111, 87, 97
Decimal	7296865
CIE Lab	39.68, 11.67, -2.00
CIE LCh	40, 11.841, 350.298
Yxy	11.0590, 0.3368, 0.3073
Android (android.graphics.Color)	4285486945 (0xFF6F5761)
YUV	95.3160, 0.8302, 13.7549
Hunter-Lab	33.2551, 6.8624, 0.4434

Details

The Yxy color **11.0590, 0.3368, 0.3073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3319, 0.2936, 0.3518**, and the grayscale version is **11.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8160, 0.3301, 0.3124**, and **2.8817, 0.3500, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **9.2824, 0.3516, 0.2967**, and if you desaturate by 10%, it is **13.1228, 0.3245, 0.3177**.

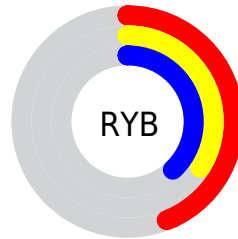
Distribution



Red (44%)

Green (34%)

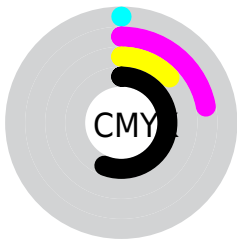
Blue (38%)



Red (44%)

Yellow (34%)

Blue (38%)

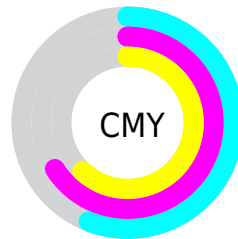


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (56%)



Cyan (56%)


Magenta (66%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0590, 0.3368, 0.3073 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 11.0590, 0.3368, 0.3073 by changing the saturation by 10% instead.


 11.0590, 0.3368,
0.3073

 11.0590, 0.3368,
0.3073


198.0719, 0.3220,
0.3206


 6.1065, 0.3420,
0.3027


 27.7692, 0.3305,
0.3129


 2.9100, 0.3500,
0.2957

 40.2958, 0.3284,
0.3148


 1.0849, 0.3641,
0.2835

 56.1158, 0.3268,
0.3162

 0.0000, 0.7135,
0.0000

 75.6137, 0.3255,
0.3174

 0.0000, 0.0000,
0.0000

 99.1738, 0.3244,
0.3184

127.1807, 0.3235,

0.3192

160.0185, 0.3227,
0.3200

■ 11.0590, 0.3368,
0.3073

■ 11.0590, 0.3368,
0.3073

■ 9.2824, 0.3516,
0.2967

■ 13.1228, 0.3245,
0.3177

■ 7.7787, 0.3691,
0.2861

■ 15.4843, 0.3142,
0.3275

■ 6.5346, 0.3896,
0.2761


■ 18.1553, 0.3057,
0.3367


■ 5.5351, 0.4132,
0.2676


■ 21.1466, 0.2986,
0.3452

■ 4.7636, 0.4393,
0.2615


■ 24.4683, 0.2927,
0.3531


 4.2013, 0.4672,
0.2590


 28.1302, 0.2879,
0.3603

 3.8265, 0.4955,
0.2609

 32.1417, 0.2838,
0.3669

 3.5784, 0.5199,
0.2637

 36.5118, 0.2804,
0.3730

 41.2490, 0.2775,
0.3786

Harmonies

Analogous

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



11.0590, 0.3099, 0.2916



11.0590, 0.3368, 0.3073



11.0590, 0.3577, 0.3286

Triad

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



11.0590, 0.3368, 0.3073



11.0590, 0.3399, 0.3766



11.0590, 0.2622, 0.3037

Complementary

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



11.0590, 0.3368, 0.3073



14.3319, 0.2936, 0.3518

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.



11.0590, 0.2695, 0.3269



11.0590, 0.3368, 0.3073



11.0590, 0.3137, 0.3707

Square

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



11.0590, 0.3368, 0.3073



11.0590, 0.3592, 0.3687



11.0590, 0.2881, 0.3520



11.0590, 0.2677, 0.2888

Rectangle

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



11.0590, 0.3368, 0.3073



11.0590, 0.3649, 0.3436



11.0590, 0.2881, 0.3520



11.0590, 0.2633, 0.3108

Sweetspot

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



11.0595, 0.3368, 0.3073



25.7390, 0.3186, 0.3231



10.7084, 0.2990, 0.2760



6.1364, 0.3191, 0.3226



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.



11.0595, 0.3368, 0.3073



18.1222, 0.3440, 0.3019



11.1462, 0.3526, 0.3326



3.4225, 0.3216, 0.3203



4.2127, 0.5218, 0.2648



20.8213, 0.5351, 0.2721

Inverse Universe

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



11.0595, 0.3368, 0.3073



18.1222, 0.3440, 0.3019



14.1943, 0.2821, 0.3253



3.4225, 0.3216, 0.3203



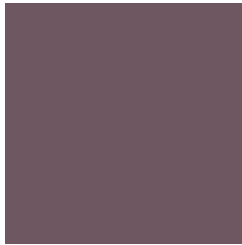
4.2127, 0.5218, 0.2648



20.8213, 0.5351, 0.2721

Previews

White Background



This preview shows how the Yxy color 11.0590, 0.3368, 0.3073 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 11.0590, 0.3368, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

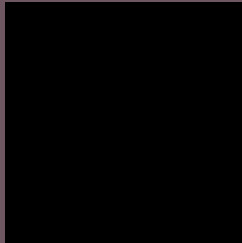
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0590, 0.3368, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 11.0590, 0.3368, 0.3073.



This preview shows how white text looks on a background with the Yxy color 11.0590, 0.3368, 0.3073.

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

11.0590, 0.3368, 0.3073

Protanopia

11.0954, 0.3014, 0.3103

Deuteranopia

11.0934, 0.3212, 0.3176



Tritanopia

11.0040, 0.3417, 0.3138

Trichromacy



Original Color

11.0590, 0.3368, 0.3073

Protanomaly

11.1116, 0.3137, 0.3085

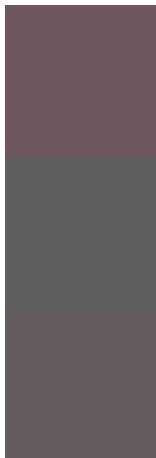
Deuteranomaly

11.1601, 0.3278, 0.3156

Tritanomaly

11.0221, 0.3401, 0.3116

Monochromacy



Original Color

11.0590, 0.3368, 0.3073

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2655, 0.3210, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0590, 0.3368, 0.3073 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(111, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(111, 87, 97)  
}
```

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(111, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 87, 97) }
```

Border

The CSS property to change the border of an element to Yxy 11.0590, 0.3368, 0.3073 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(111, 87, 97) }
```

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

```
.border{ border-color:rgb(111, 87, 97) }
```

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

Here you see how a box with a 4 pixel rgb(111, 87, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(111, 87,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0590, 0.3368, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 87, 97) }
```

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

```
.background{ background-color: rgb(111, 87,  
97) }
```

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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