

Converting Colors

$Y_{xy}(10.9730, 0.3052, 0.2889)$

Have a look what the booklet for
Yxy(10.9730, 0.3052, 0.2889)
contains.

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Color

Yxy(10.9730, 0.3052, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	65596B
RGB	101, 89, 107
RGB Percent	40%, 35%, 42%
CMY	0.6040, 0.6510, 0.5804
CMYK	0.06, 0.17, 0.00, 0.58
HSL	280°, 9%, 38%
HSV	280°, 17%, 42%
XYZ	11.5921, 10.9730, 15.4169
YIQ	94.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

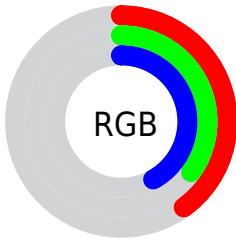
Format	Color
R_{YB}	101, 89, 107
Decimal	6642027
CIE Lab	39.53, 8.58, -8.49
CIE LCh	40, 12.074, 315.306
Yxy	10.9730, 0.3052, 0.2889
Android (android.graphics.Color)	4284832107 (0xFF65596B)
YUV	94.6400, 6.0935, 5.5777
Hunter-Lab	33.1255, 4.4955, -4.4062

Details

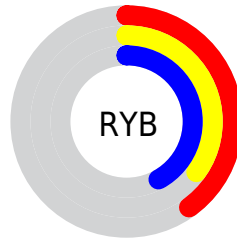
The Yxy color **10.9730, 0.3052, 0.2889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6707, 0.3191, 0.3702**, and the grayscale version is **11.3382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6093, 0.3077, 0.2996**, and **2.8383, 0.2993, 0.2654** is the 20% darker color. If you saturate the color by 10%, you get **9.1182, 0.2997, 0.2634**, and if you desaturate by 10%, it is **13.0966, 0.3099, 0.3132**.

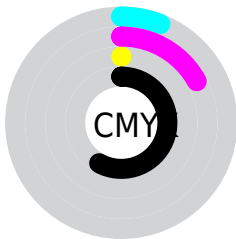
Distribution



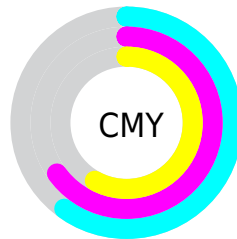
- Red (40%)
- Green (35%)
- Blue (42%)



- Red (40%)
- Yellow (35%)
- Blue (42%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9730, 0.3052, 0.2889 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 10.9730, 0.3052, 0.2889 by changing the saturation by 10% instead.

■ 10.9730, 0.3052,
0.2889

■ 10.9730, 0.3052,
0.2889

■ 197.4822, 0.3100,
0.3132

■ 6.0487, 0.3034,
0.2807

■ 27.6102, 0.3073,
0.2991

■ 2.8747, 0.3004,
0.2683

■ 40.0919, 0.3080,
0.3024

■ 1.0667, 0.2948,
0.2476

■ 55.8616, 0.3085,
0.3051

■ 0.0000, 0.2300,
0.0000

■ 75.3035, 0.3090,
0.3073

■ 0.0000, 0.0000,
0.0000

■ 98.8021, 0.3093,
0.3092

126.7419, 0.3096,

0.3107

159.5071, 0.3098,
0.3120

■ 10.9730, 0.3052,
0.2889

■ 10.9730, 0.3052,
0.2889

■ 9.1182, 0.2997,
0.2634

■ 13.0966, 0.3099,
0.3132

■ 7.5196, 0.2934,
0.2373

■ 15.4981, 0.3139,
0.3361

■ 6.1656, 0.2863,
0.2113

■ 18.1881, 0.3172,
0.3573

■ 5.0431, 0.2786,
0.1863

■ 21.1760, 0.3200,
0.3767

■ 4.1380, 0.2703,
0.1633

■ 24.4708, 0.3222,
0.3944

■ 3.4342, 0.2617,
0.1434

■ 28.0811, 0.3240,
0.4105

■ 2.9137, 0.2532,
0.1274

■ 32.0154, 0.3255,
0.4250

■ 2.5284, 0.2447,
0.1147

■ 36.2816, 0.3266,
0.4381

■ 2.4109, 0.2420,
0.1107

■ 40.8874, 0.3275,
0.4499

Harmonies

Analogous

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



10.9730, 0.2805, 0.2837



10.9730, 0.3052, 0.2889



10.9730, 0.3330, 0.3037

Triad

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



10.9730, 0.3052, 0.2889



10.9730, 0.3624, 0.3670



10.9730, 0.2710, 0.3312

Complementary

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



10.9730, 0.3052, 0.2889



13.6707, 0.3191, 0.3702

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.



10.9730, 0.2916, 0.3564



10.9730, 0.3052, 0.2889



10.9730, 0.3444, 0.3772

Square

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



10.9730, 0.3052, 0.2889



10.9730, 0.3668, 0.3476



10.9730, 0.3183, 0.3737



10.9730, 0.2615, 0.3066

Rectangle

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



10.9730, 0.3052, 0.2889



10.9730, 0.3493, 0.3172



10.9730, 0.3183, 0.3737



10.9730, 0.2768, 0.3399

Sweetspot

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



10.9735, 0.3052, 0.2889



24.1364, 0.3106, 0.3172



11.4251, 0.2877, 0.3018



5.7891, 0.3104, 0.3159



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.



10.9735, 0.3052, 0.2889



18.3491, 0.3032, 0.2795



11.2773, 0.3186, 0.2957



3.1158, 0.3090, 0.3081



2.9160, 0.2413, 0.1103



14.3696, 0.2368, 0.1078

Inverse Universe

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



11.0982, 0.3329, 0.3157



18.6242, 0.3383, 0.3125



13.4072, 0.3074, 0.3648



3.1319, 0.3227, 0.3221



3.9504, 0.5538, 0.2825



19.9823, 0.5682, 0.2904

Previews

White Background



This preview shows how the Yxy color 10.9730, 0.3052, 0.2889 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 10.9730, 0.3052, 0.2889 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 10.9730, 0.3052, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 10.9730, 0.3052, 0.2889.



This preview shows how white text looks on a background with the Yxy color 10.9730, 0.3052, 0.2889.

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

10.9730, 0.3052, 0.2889

Protanopia

10.9321, 0.2862, 0.2896

Deuteranopia

11.0305, 0.2976, 0.2926



Tritanopia

11.0733, 0.3166, 0.3130

Trichromacy



Original Color

10.9730, 0.3052, 0.2889

Protanomaly

10.9446, 0.2933, 0.2901

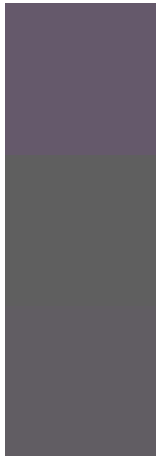
Deuteranomaly

10.9705, 0.3006, 0.2906

Tritanomaly

10.9612, 0.3123, 0.3040

Monochromacy



Original Color

10.9730, 0.3052, 0.2889

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2709, 0.3103, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9730, 0.3052, 0.2889 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(101, 89, 107)` looks like.

```
.text, #text, p{  
    color:rgb(101, 89, 107)  
}
```

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(101, 89, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 89, 107) }
```

Border

The CSS property to change the border of an element to Yxy 10.9730, 0.3052, 0.2889 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(101, 89, 107) }
```

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

```
.border{ border-color:rgb(101, 89, 107) }
```

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

Here you see how a box with a 4 pixel rgb(101, 89, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 89, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 89, 107);  
box-shadow:4px 4px 4px 4px rgb(101, 89,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9730, 0.3052, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 89, 107) }
```

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

```
.background{ background-color: rgb(101, 89,  
107) }
```

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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