

Converting Colors

$Y_{xy}(27.7234, 0.3820, 0.3087)$

Have a look what the booklet for
Yxy(27.7234, 0.3820, 0.3087)
contains.

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Color

Yxy(27.6030, 0.3825, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	C37B8A
RGB	195, 123, 138
RGB Percent	76%, 48%, 54%
CMY	0.2352, 0.5177, 0.4588
CMYK	0.00, 0.37, 0.29, 0.24
HSL	347°, 38%, 62%
HSV	347°, 37%, 76%
XYZ	34.1798, 27.6030, 27.5762
YIQ	146.2380, 38.0970, 19.9290

Conversions

Conversions Part 2

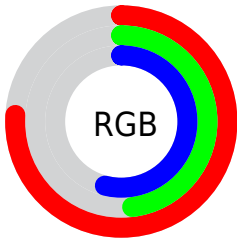
Format	Color
RYB	195, 123, 138
Decimal	12811146
CIELab	59.53, 30.01, 3.68
CIELCh	60, 30.233, 6.998
Yxy	27.6030, 0.3825, 0.3089
Android (android.graphics.Color)	4291001226 (0xFFC37B8A)
YUV	146.2380, -4.0613, 42.7643
Hunter-Lab	52.5386, 24.1836, 5.6571

Details

The Yxy color **27.6030, 0.3825, 0.3089** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5430, 0.2706, 0.3506**, and the grayscale version is **28.8535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6949, 0.3682, 0.3134**, and **10.9586, 0.4073, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **22.8227, 0.4119, 0.3037**, and if you desaturate by 10%, it is **33.4132, 0.3581, 0.3145**.

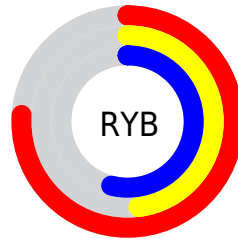
Distribution



Red (76%)

Green (48%)

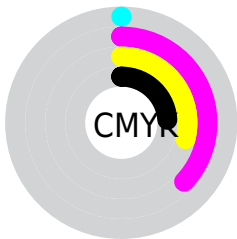
Blue (54%)



Red (76%)

Yellow (48%)

Blue (54%)

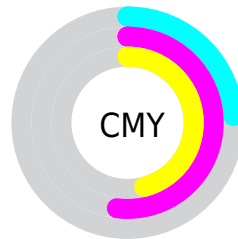


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6030, 0.3825, 0.3089 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 27.6030, 0.3825, 0.3089 by changing the saturation by 10% instead.


 27.6030, 0.3825,
0.3089


 27.6030, 0.3825,
0.3089


290.5650, 0.3444,
0.3202

 18.0266, 0.3932,
0.3056


 55.8500, 0.3678,
0.3134

 10.9691, 0.4077,
0.3010

 75.2894, 0.3626,
0.3149

 6.0461, 0.4285,
0.2942

 98.7852, 0.3582,
0.3162

 2.8731, 0.4606,
0.2833

126.7219, 0.3546,
0.3173

 1.0658, 0.5163,
0.2635

159.4838, 0.3515,
0.3182

 0.0000, 1.0000,
0.0000

197.4554, 0.3488,

 0.0000, 0.0000,

0.3190

0.0000

241.0210, 0.3465,
0.3196

■ 27.6030, 0.3825,
0.3089

■ 27.6030, 0.3825,
0.3089

■ 22.8227, 0.4119,
0.3037

■ 33.4132, 0.3581,
0.3145

■ 19.0082, 0.4465,
0.2995

■ 40.3045, 0.3382,
0.3201

■ 16.0942, 0.4854,
0.2971

■ 48.3297, 0.3221,
0.3255

■ 14.0058, 0.5262,
0.2977


■ 57.5368, 0.3090,
0.3305


■ 12.6557, 0.5651,
0.3017

■ 67.9711, 0.2984,
0.3351

 11.9267, 0.5974,
0.3090

 79.6754, 0.2897,
0.3393

 11.7620, 0.6060,
0.3112

 89.7816, 0.2824,
0.3384

 90.3442, 0.2778,
0.3289

Harmonies

Analogous

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



27.6030, 0.3350, 0.2756



27.6030, 0.3825, 0.3089



27.6030, 0.4103, 0.3483

Triad

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



27.6030, 0.3825, 0.3089



27.6030, 0.3349, 0.4187



27.6030, 0.2240, 0.2633

Complementary

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



27.6030, 0.3825, 0.3089



46.5430, 0.2706, 0.3506

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.



27.6030, 0.2241, 0.2971



27.6030, 0.3825, 0.3089



27.6030, 0.2856, 0.3928

Square

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



27.6030, 0.3825, 0.3089



27.6030, 0.3804, 0.4141



27.6030, 0.2456, 0.3454



27.6030, 0.2451, 0.2493

Rectangle

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



27.6030, 0.3825, 0.3089



27.6030, 0.4127, 0.3744



27.6030, 0.2456, 0.3454



27.6030, 0.2216, 0.2725

Sweetspot

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



27.6043, 0.3825, 0.3089



80.1971, 0.3285, 0.3233



27.7384, 0.3007, 0.2341



17.1266, 0.3307, 0.3225



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



27.6043, 0.3825, 0.3089



42.6389, 0.4048, 0.3048



32.7997, 0.3912, 0.3568



10.1115, 0.3257, 0.3242



7.6534, 0.6029, 0.3095



0.3410, 0.5403, 0.2750

Inverse Universe

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



27.6043, 0.3825, 0.3089



42.6389, 0.4048, 0.3048



38.6598, 0.2574, 0.2990



10.1115, 0.3257, 0.3242



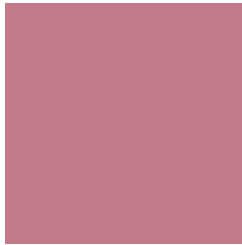
7.6534, 0.6029, 0.3095



0.3410, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 27.6030, 0.3825, 0.3089 looks on a white background.

Color Contrast Check

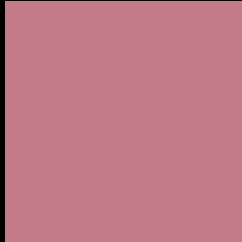
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 27.6030, 0.3825, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

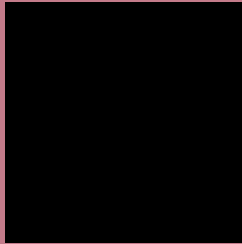
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6030, 0.3825, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 27.6030, 0.3825, 0.3089.



This preview shows how white text looks on a background with the Yxy color 27.6030, 0.3825, 0.3089.

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

27.6030, 0.3825, 0.3089

Protanopia

27.8346, 0.3090, 0.3194

Deuteranopia

27.7916, 0.3415, 0.3353



Tritanopia

27.7109, 0.3884, 0.3170

Trichromacy



Original Color

27.6030, 0.3825, 0.3089

Protanomaly

27.4392, 0.3335, 0.3153

Deuteranomaly

27.4369, 0.3558, 0.3247

Tritanomaly

27.7667, 0.3859, 0.3143

Monochromacy



Original Color

27.6030, 0.3825, 0.3089

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0526, 0.3364, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6030, 0.3825, 0.3089 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(195, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 138)  
}
```

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(195, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.6030, 0.3825, 0.3089 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(195, 123, 138) }
```

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

```
.border{ border-color:rgb(195, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6030, 0.3825, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 138) }
```

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

```
.background{ background-color: rgb(195,  
123, 138) }
```

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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