

Converting Colors

$Y_{xy}(27.2793, 0.4067, 0.3188)$

Have a look what the booklet for
Yxy(27.2793, 0.4067, 0.3188)
contains.

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Color

Yxy(27.2825, 0.4065, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	CA777F
RGB	202, 119, 127
RGB Percent	79%, 47%, 50%
CMY	0.2078, 0.5333, 0.5020
CMYK	0.00, 0.41, 0.37, 0.21
HSL	354°, 44%, 63%
HSV	354°, 41%, 79%
XYZ	34.7878, 27.2825, 23.5085
YIQ	144.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

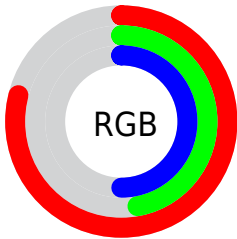
Format	Color
R_{YB}	202, 119, 127
Decimal	13268863
CIE _{Lab}	59.23, 33.37, 9.73
CIE _{LCh}	59, 34.758, 16.261
Yxy	27.2825, 0.4065, 0.3188
Android (android.graphics.Color)	4291458943 (0xFFCA777F)
YUV	144.7290, -8.7404, 50.2267
Hunter-Lab	52.2327, 27.4766, 9.8781

Details

The Yxy color **27.2825, 0.4065, 0.3188** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.0668, 0.2613, 0.3401**, and the grayscale version is **28.2219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0603, 0.3811, 0.3208**, and **10.8260, 0.4400, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **22.5422, 0.4433, 0.3167**, and if you desaturate by 10%, it is **33.1336, 0.3758, 0.3213**.

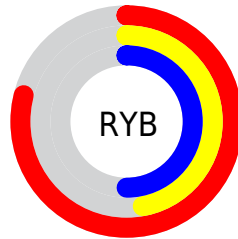
Distribution



Red (79%)

Green (47%)

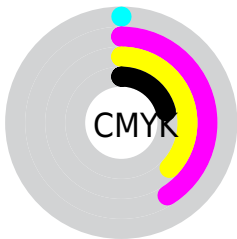
Blue (50%)



Red (79%)

Yellow (47%)

Blue (50%)

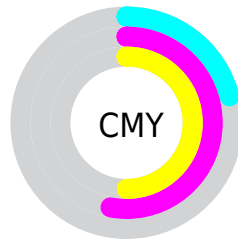


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (21%)



Cyan (21%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2825, 0.4065, 0.3188 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 27.2825, 0.4065, 0.3188 by changing the saturation by 10% instead.


 27.2825, 0.4065,
0.3188


 27.2825, 0.4065,
0.3188


289.0223, 0.3550,
0.3256


 17.7855, 0.4210,
0.3164


 55.3369, 0.3866,
0.3217

 10.7961, 0.4407,
0.3128


 74.6630, 0.3795,
0.3227

 5.9299, 0.4688,
0.3071


 98.0343, 0.3736,
0.3234

 2.8025, 0.5118,
0.2968

125.8352, 0.3687,
0.3240

 1.0295, 0.5989,
0.2824

158.4501, 0.3645,
0.3245

 0.0000, 1.0000,
0.0000

196.2633, 0.3609,

 0.0000, 0.0000,

0.3249


0.0000

239.6592, 0.3578,
0.3253

 27.2825, 0.4065,
0.3188


 27.2825, 0.4065,
0.3188


 22.5422, 0.4433,
0.3167


 33.1336, 0.3758,
0.3213

 18.8388, 0.4855,
0.3154


 40.1554, 0.3507,
0.3239


 16.0955, 0.5306,
0.3155


 48.4083, 0.3305,
0.3264


 14.2234, 0.5739,
0.3173


 57.9473, 0.3143,
0.3288


 13.1168, 0.6090,
0.3209

 68.8242, 0.3012,
0.3309

 12.6076, 0.6299,
0.3243

 81.0878, 0.2907,
0.3329

 91.2851, 0.2817,
0.3291

 91.2990, 0.2816,
0.3289

Harmonies

Analogous

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



27.2825, 0.3564, 0.2786



27.2825, 0.4065, 0.3188



27.2825, 0.4285, 0.3638

Triad

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



27.2825, 0.4065, 0.3188



27.2825, 0.3196, 0.4282



27.2825, 0.2167, 0.2463

Complementary

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



27.2825, 0.4065, 0.3188



50.0668, 0.2613, 0.3401

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.



27.2825, 0.2092, 0.2773



27.2825, 0.4065, 0.3188



27.2825, 0.2652, 0.3880

Square

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



27.2825, 0.4065, 0.3188



27.2825, 0.3749, 0.4322



27.2825, 0.2258, 0.3291



27.2825, 0.2472, 0.2380

Rectangle

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



27.2825, 0.4065, 0.3188



27.2825, 0.4236, 0.3926



27.2825, 0.2258, 0.3291



27.2825, 0.2116, 0.2541

Sweetspot

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



27.2839, 0.4065, 0.3188



80.3518, 0.3325, 0.3261



28.8895, 0.3088, 0.2262



16.7828, 0.3350, 0.3258



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.



27.2839, 0.4065, 0.3188



39.1941, 0.4377, 0.3170



36.4138, 0.3983, 0.3724



11.2309, 0.3275, 0.3268



8.1173, 0.6279, 0.3233



0.4249, 0.5929, 0.3040

Inverse Universe

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



27.2839, 0.4065, 0.3188



39.1941, 0.4377, 0.3170



36.4916, 0.2491, 0.2804



11.2309, 0.3275, 0.3268



8.1173, 0.6279, 0.3233



0.4249, 0.5929, 0.3040

Previews

White Background



This preview shows how the Yxy color 27.2825, 0.4065, 0.3188 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 27.2825, 0.4065, 0.3188 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 27.2825, 0.4065, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 27.2825, 0.4065, 0.3188.



This preview shows how white text looks on a background with the Yxy color 27.2825, 0.4065, 0.3188.

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

27.2825, 0.4065, 0.3188

Protanopia

27.3504, 0.3190, 0.3323

Deuteranopia

27.5247, 0.3573, 0.3508



Tritanopia

27.3087, 0.4052, 0.3175

Trichromacy



Original Color

27.2825, 0.4065, 0.3188

Protanomaly

26.9065, 0.3485, 0.3276

Deuteranomaly

27.1782, 0.3753, 0.3380

Tritanomaly

27.3087, 0.4052, 0.3175

Monochromacy



Original Color

27.2825, 0.4065, 0.3188

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5503, 0.3446, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2825, 0.4065, 0.3188 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(202, 119, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 119, 127)  
}
```

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(202, 119, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 119, 127) }
```

Border

The CSS property to change the border of an element to Yxy 27.2825, 0.4065, 0.3188 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(202, 119, 127) }
```

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

```
.border{ border-color:rgb(202, 119, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 119, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 119, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 119, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 119,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2825, 0.4065, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 119, 127) }
```

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

```
.background{ background-color: rgb(202,  
119, 127) }
```

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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