

Converting Colors

$Y_{xy}(27.1257, 0.4096, 0.3316)$

Have a look what the booklet for
Yxy(27.1257, 0.4096, 0.3316)
contains.

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Color

Yxy(27.2809, 0.4093, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	C67A78
RGB	198, 122, 120
RGB Percent	78%, 48%, 47%
CMY	0.2236, 0.5215, 0.5295
CMYK	0.00, 0.38, 0.39, 0.22
HSL	2°, 41%, 62%
HSV	2°, 39%, 78%
XYZ	33.6327, 27.2809, 21.2577
YIQ	144.4960, 45.9380, 15.4900

Conversions

Conversions Part 2

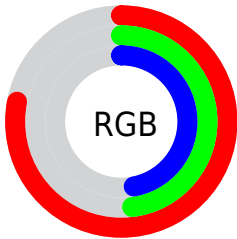
Format	Color
R _Y B	198, 122, 120
Decimal	13007480
CIE Lab	59.23, 29.37, 13.69
CIE LCh	59, 32.405, 24.988
Yxy	27.2809, 0.4093, 0.3320
Android (android.graphics.Color)	4291197560 (0xFFC67A78)
YUV	144.4960, -12.0765, 46.9230
Hunter-Lab	52.2311, 23.5355, 12.4311

Details

The Yxy color **27.2809, 0.4093, 0.3320** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.5210, 0.2583, 0.3260**, and the grayscale version is **28.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8985, 0.3876, 0.3324**, and **10.8534, 0.4444, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **22.5749, 0.4483, 0.3327**, and if you desaturate by 10%, it is **33.0283, 0.3767, 0.3312**.

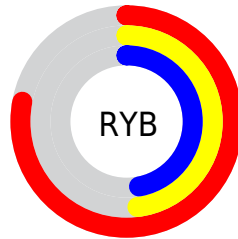
Distribution



Red (78%)

Green (48%)

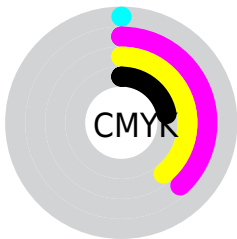
Blue (47%)



Red (78%)

Yellow (48%)

Blue (47%)

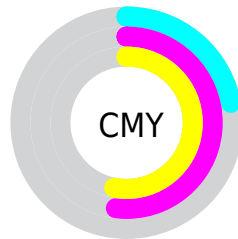


Cyan (0%)

Magenta (38%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2809, 0.4093, 0.3320 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 27.2809, 0.4093, 0.3320 by changing the saturation by 10% instead.


 27.2809, 0.4093,
0.3320


 27.2809, 0.4093,
0.3320


289.0146, 0.3562,
0.3320


 17.7843, 0.4243,
0.3313


 55.3343, 0.3888,
0.3324

 10.7952, 0.4446,
0.3299


 74.6599, 0.3814,
0.3325

 5.9293, 0.4735,
0.3270

 98.0306, 0.3754,
0.3324

 2.8021, 0.5175,
0.3203

125.8308, 0.3703,
0.3324

 1.0293, 0.6284,
0.3227

158.4449, 0.3660,
0.3323

 0.0000, 1.0000,
0.0000


196.2573, 0.3623,


 0.0000, 0.0000,

0.3322


0.0000


239.6524, 0.3590,
0.3321


 27.2809, 0.4093,
0.3320


 27.2809, 0.4093,
0.3320


 22.5749, 0.4483,
0.3327


 33.0283, 0.3767,
0.3312


 18.8443, 0.4929,
0.3332

 39.8699, 0.3502,
0.3304

 16.0218, 0.5401,
0.3334

 47.8599, 0.3289,
0.3297


 14.0299, 0.5842,
0.3330


 57.0476, 0.3118,
0.3290

 12.7784, 0.6180,
0.3321

 67.4794, 0.2980,
0.3283

 12.1425, 0.6374,
0.3313

 79.1993, 0.2869,
0.3278

 12.1144, 0.6383,
0.3314

 90.7423, 0.2794,
0.3289

Harmonies

Analogous

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



27.2809, 0.3689, 0.2920



27.2809, 0.4093, 0.3320



27.2809, 0.4206, 0.3743

Triad

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



27.2809, 0.4093, 0.3320



27.2809, 0.3040, 0.4132



27.2809, 0.2288, 0.2471

Complementary

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



27.2809, 0.4093, 0.3320



47.5210, 0.2583, 0.3260

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.



27.2809, 0.2152, 0.2703



27.2809, 0.4093, 0.3320



27.2809, 0.2558, 0.3686

Square

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



27.2809, 0.4093, 0.3320



27.2809, 0.3570, 0.4275



27.2809, 0.2244, 0.3139



27.2809, 0.2634, 0.2448

Rectangle

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



27.2809, 0.4093, 0.3320



27.2809, 0.4102, 0.3997



27.2809, 0.2244, 0.3139



27.2809, 0.2218, 0.2525

Sweetspot

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



27.2822, 0.4093, 0.3320



80.6213, 0.3344, 0.3299



29.4483, 0.3185, 0.2343



16.8455, 0.3371, 0.3300



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.



27.2822, 0.4093, 0.3320



41.2699, 0.4413, 0.3326



38.5970, 0.3889, 0.3820



10.6805, 0.3289, 0.3297



7.9001, 0.6379, 0.3317



0.3899, 0.6301, 0.3379

Inverse Universe

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



47.5210, 0.2583, 0.3260



81.9247, 0.2495, 0.3253



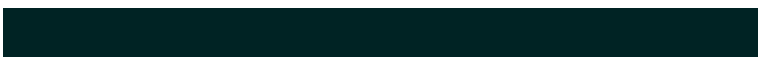
32.4131, 0.2496, 0.2688



12.0182, 0.2984, 0.3283



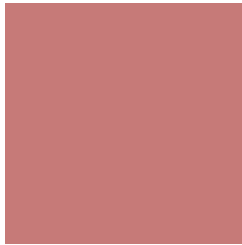
27.4280, 0.2225, 0.3209



1.3140, 0.2230, 0.3226

Previews

White Background



This preview shows how the Yxy color 27.2809, 0.4093, 0.3320 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 27.2809, 0.4093, 0.3320 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 27.2809, 0.4093, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 27.2809, 0.4093, 0.3320.



This preview shows how white text looks on a background with the Yxy color 27.2809, 0.4093, 0.3320.

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

27.2809, 0.4093, 0.3320

Protanopia

27.6462, 0.3324, 0.3501

Deuteranopia

27.2827, 0.3679, 0.3600



Tritanopia

27.4286, 0.3982, 0.3173

Trichromacy



Original Color

27.2809, 0.4093, 0.3320

Protanomaly

27.0498, 0.3596, 0.3429

Deuteranomaly

27.2755, 0.3832, 0.3497

Tritanomaly

27.3232, 0.4033, 0.3226

Monochromacy



Original Color

27.2809, 0.4093, 0.3320

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2501, 0.3456, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2809, 0.4093, 0.3320 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(198, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 120)  
}
```

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(198, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 120) }
```

Border

The CSS property to change the border of an element to Yxy 27.2809, 0.4093, 0.3320 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(198, 122, 120) }
```

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

```
.border{ border-color:rgb(198, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2809, 0.4093, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 120) }
```

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

```
.background{ background-color: rgb(198,  
122, 120) }
```

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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