

Converting Colors

$Yxy(27.8817, 0.4064, 0.3284)$

Have a look what the booklet for
Yxy(27.8817, 0.4064, 0.3284)
contains.

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Color

Yxy(27.9005, 0.4060, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	C87B7C
RGB	200, 123, 124
RGB Percent	78%, 48%, 49%
CMY	0.2158, 0.5176, 0.5138
CMYK	0.00, 0.38, 0.38, 0.22
HSL	359°, 41%, 63%
HSV	359°, 38%, 78%
XYZ	34.5354, 27.9005, 22.6266
YIQ	146.1370, 45.5710, 16.6350

Conversions

Conversions Part 2

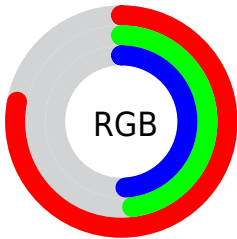
Format	Color
R _Y B	200, 123, 124
Decimal	13138812
CIE Lab	59.80, 30.07, 12.22
CIE LCh	60, 32.460, 22.123
Yxy	27.9005, 0.4060, 0.3280
Android (android.graphics.Color)	4291328892 (0xFFC87B7C)
YUV	146.1370, -10.9135, 47.2379
Hunter-Lab	52.8209, 24.2702, 11.5769

Details

The Yxy color **27.9005, 0.4060, 0.3280** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.6360, 0.2603, 0.3302**, and the grayscale version is **28.8359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4453, 0.3836, 0.3292**, and **11.2024, 0.4408, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **22.9854, 0.4447, 0.3278**, and if you desaturate by 10%, it is **33.9318, 0.3739, 0.3282**.

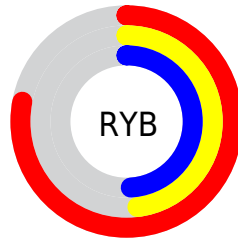
Distribution



Red (78%)

Green (48%)

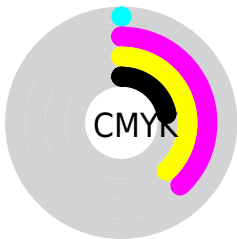
Blue (49%)



Red (78%)

Yellow (48%)

Blue (49%)

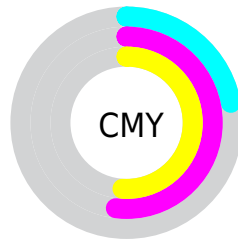


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9005, 0.4060, 0.3280 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 27.9005, 0.4060, 0.3280 by changing the saturation by 10% instead.


 27.9005, 0.4060,
0.3280


 27.9005, 0.4060,
0.3280


291.9912, 0.3549,
0.3300


 18.2507, 0.4203,
0.3269


 56.3255, 0.3863,
0.3291

 11.1301, 0.4397,
0.3249


 75.8696, 0.3792,
0.3294

 6.1544, 0.4674,
0.3214


 99.4804, 0.3734,
0.3296

 2.9392, 0.5094,
0.3142

127.5425, 0.3685,
0.3298

 1.1001, 0.6004,
0.3081

160.4402, 0.3644,
0.3299

 0.0000, 1.0000,
0.0000


198.5580, 0.3608,


 0.0000, 0.0000,


0.3299


0.0000


242.2802, 0.3576,
0.3299


 27.9005, 0.4060,
0.3280


 27.9005, 0.4060,
0.3280


 22.9854, 0.4447,
0.3278


 33.9318, 0.3739,
0.3282


 19.1143, 0.4892,
0.3278


 41.1377, 0.3479,
0.3285

 16.2129, 0.5368,
0.3279

 49.5771, 0.3271,
0.3288


 14.1956, 0.5816,
0.3283


 59.3040, 0.3104,
0.3290


 12.9617, 0.6165,
0.3289

 70.3693, 0.2971,
0.3293

 12.3544, 0.6365,
0.3293

 82.8209, 0.2863,
0.3295

 12.2821, 0.6389,
0.3293

 91.0166, 0.2805,
0.3289

Harmonies

Analogous

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



27.9005, 0.3637, 0.2887



27.9005, 0.4060, 0.3280



27.9005, 0.4203, 0.3702

Triad

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



27.9005, 0.4060, 0.3280



27.9005, 0.3091, 0.4155



27.9005, 0.2270, 0.2488

Complementary

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



27.9005, 0.4060, 0.3280



49.6360, 0.2603, 0.3302

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.



27.9005, 0.2156, 0.2740



27.9005, 0.4060, 0.3280



27.9005, 0.2601, 0.3734

Square

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



27.9005, 0.4060, 0.3280



27.9005, 0.3616, 0.4265



27.9005, 0.2269, 0.3189



27.9005, 0.2596, 0.2446

Rectangle

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



27.9005, 0.4060, 0.3280



27.9005, 0.4119, 0.3961



27.9005, 0.2269, 0.3189



27.9005, 0.2207, 0.2548

Sweetspot

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



27.9019, 0.4060, 0.3280



80.2109, 0.3342, 0.3287



30.4405, 0.3158, 0.2346



16.7500, 0.3369, 0.3286



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.



27.9019, 0.4060, 0.3280



41.2199, 0.4371, 0.3279



38.9239, 0.3881, 0.3776



10.6390, 0.3288, 0.3288



7.8121, 0.6385, 0.3291



0.3707, 0.6331, 0.3261

Inverse Universe

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



27.9019, 0.4060, 0.3280



41.2199, 0.4371, 0.3279



34.4986, 0.2517, 0.2743



10.6390, 0.3288, 0.3288



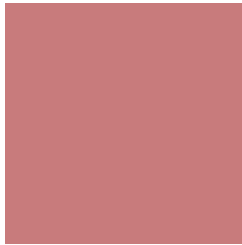
7.8121, 0.6385, 0.3291



0.3707, 0.6331, 0.3261

Previews

White Background



This preview shows how the Yxy color 27.9005, 0.4060, 0.3280 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 27.9005, 0.4060, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

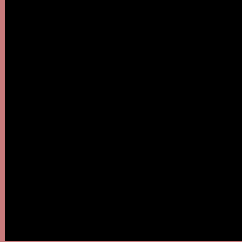
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9005, 0.4060, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 27.9005, 0.4060, 0.3280.



This preview shows how white text looks on a background with the Yxy color 27.9005, 0.4060, 0.3280.

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

27.9005, 0.4060, 0.3280

Protanopia

28.0853, 0.3271, 0.3435

Deuteranopia

28.0612, 0.3638, 0.3567



Tritanopia

27.9753, 0.3987, 0.3174

Trichromacy



Original Color

27.9005, 0.4060, 0.3280

Protanomaly

27.5718, 0.3548, 0.3367

Deuteranomaly

27.7639, 0.3791, 0.3452

Tritanomaly

27.8951, 0.4026, 0.3214

Monochromacy



Original Color

27.9005, 0.4060, 0.3280

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1189, 0.3441, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9005, 0.4060, 0.3280 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(200, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(200, 123, 124)  
}
```

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(200, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 123, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.9005, 0.4060, 0.3280 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(200, 123, 124) }
```

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

```
.border{ border-color:rgb(200, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(200, 123,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9005, 0.4060, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 123, 124) }
```

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

```
.background{ background-color: rgb(200,  
123, 124) }
```

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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