

Converting Colors

$Y_{xy}(27.5745, 0.4034, 0.3175)$

Have a look what the booklet for
Yxy(27.5745, 0.4034, 0.3175)
contains.

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Color

Yxy(27.5745, 0.4034, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	CA7881
RGB	202, 120, 129
RGB Percent	79%, 47%, 51%
CMY	0.2079, 0.5294, 0.4942
CMYK	0.00, 0.41, 0.36, 0.21
HSL	353°, 44%, 63%
HSV	353°, 41%, 79%
XYZ	35.0348, 27.5745, 24.2395
YIQ	145.5440, 45.9830, 20.1830

Conversions

Conversions Part 2

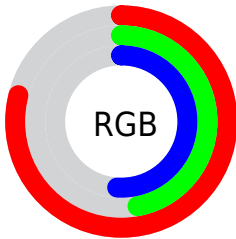
Format	Color
R _Y B	202, 120, 129
Decimal	13269121
CIE Lab	59.50, 33.06, 8.96
CIE LCh	60, 34.253, 15.169
Yxy	27.5745, 0.4034, 0.3175
Android (android.graphics.Color)	4291459201 (0xFFCA7881)
YUV	145.5440, -8.1562, 49.5119
Hunter-Lab	52.5114, 27.1974, 9.3895

Details

The Yxy color **27.5745, 0.4034, 0.3175** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **50.0849, 0.2624, 0.3415**, and the grayscale version is **28.5689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5245, 0.3790, 0.3197**, and **10.9792, 0.4351, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **22.7816, 0.4393, 0.3151**, and if you desaturate by 10%, it is **33.4791, 0.3735, 0.3204**.

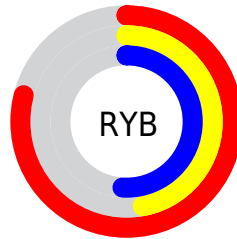
Distribution



Red (79%)

Green (47%)

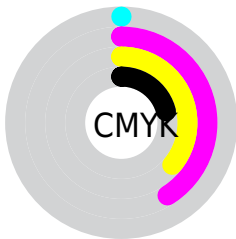
Blue (51%)



Red (79%)

Yellow (47%)

Blue (51%)

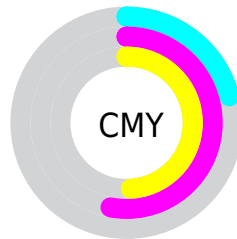


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (21%)



Cyan (21%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5745, 0.4034, 0.3175 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 27.5745, 0.4034, 0.3175 by changing the saturation by 10% instead.


 27.5745, 0.4034,
0.3175


 27.5745, 0.4034,
0.3175

290.4281, 0.3537,
0.3249


 18.0052, 0.4174,
0.3150


 55.8044, 0.3842,
0.3206

 10.9537, 0.4363,
0.3113


 75.2337, 0.3774,
0.3217

 6.0357, 0.4633,
0.3055

 98.7185, 0.3717,
0.3225

 2.8668, 0.5047,
0.2953

126.6432, 0.3670,
0.3231

 1.0626, 0.5843,
0.2793

159.3920, 0.3629,
0.3237

 0.0000, 1.0000,
0.0000

197.3496, 0.3594,

 0.0000, 0.0000,

0.3241

0.0000

240.9001, 0.3564,
0.3245

■ 27.5745, 0.4034,
0.3175

■ 27.5745, 0.4034,
0.3175

■ 22.7816, 0.4393,
0.3151

■ 33.4791, 0.3735,
0.3204

■ 19.0270, 0.4807,
0.3135

■ 40.5548, 0.3491,
0.3233

■ 16.2347, 0.5253,
0.3134


■ 48.8616, 0.3294,
0.3262

■ 14.3168, 0.5686,
0.3152

■ 58.4541, 0.3135,
0.3288

■ 13.1691, 0.6046,
0.3191

■ 69.3837, 0.3008,
0.3313

 12.6146, 0.6279,
0.3232

 81.6990, 0.2905,
0.3336

 91.2900, 0.2817,
0.3290

 91.2963, 0.2816,
0.3289

Harmonies

Analogous

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



27.5745, 0.3536, 0.2782



27.5745, 0.4034, 0.3175



27.5745, 0.4262, 0.3618

Triad

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



27.5745, 0.4034, 0.3175



27.5745, 0.3216, 0.4271



27.5745, 0.2176, 0.2485

Complementary

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



27.5745, 0.4034, 0.3175



50.0849, 0.2624, 0.3415

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.



27.5745, 0.2111, 0.2798



27.5745, 0.4034, 0.3175



27.5745, 0.2678, 0.3888

Square

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



27.5745, 0.4034, 0.3175



27.5745, 0.3758, 0.4299



27.5745, 0.2283, 0.3313



27.5745, 0.2468, 0.2393

Rectangle

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



27.5745, 0.4034, 0.3175



27.5745, 0.4223, 0.3903



27.5745, 0.2283, 0.3313



27.5745, 0.2128, 0.2564

Sweetspot

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



27.5759, 0.4034, 0.3175



80.3742, 0.3322, 0.3257



28.9622, 0.3074, 0.2270



16.7881, 0.3346, 0.3253



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.



27.5759, 0.4034, 0.3175



39.2440, 0.4358, 0.3153



36.1869, 0.3977, 0.3701



11.2333, 0.3273, 0.3265



8.1242, 0.6258, 0.3221



0.4260, 0.5871, 0.3008

Inverse Universe

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



27.5759, 0.4034, 0.3175



39.2440, 0.4358, 0.3153



37.2210, 0.2502, 0.2832



11.2333, 0.3273, 0.3265



8.1242, 0.6258, 0.3221



0.4260, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 27.5745, 0.4034, 0.3175 looks on a white background.

Color Contrast Check

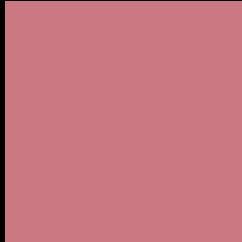
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5745, 0.4034, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

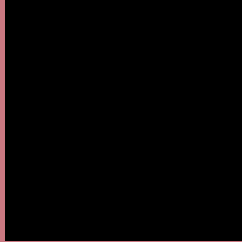
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5745, 0.4034, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 27.5745, 0.4034, 0.3175.



This preview shows how white text looks on a background with the Yxy color 27.5745, 0.4034, 0.3175.

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

27.5745, 0.4034, 0.3175

Protanopia

27.7711, 0.3190, 0.3322

Deuteranopia

27.5758, 0.3551, 0.3477



Tritanopia

27.5745, 0.4034, 0.3175

Trichromacy



Original Color

27.5745, 0.4034, 0.3175

Protanomaly

27.3496, 0.3471, 0.3261

Deuteranomaly

27.2299, 0.3729, 0.3350

Tritanomaly

27.5745, 0.4034, 0.3175

Monochromacy



Original Color

27.5745, 0.4034, 0.3175

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.8918, 0.3422, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5745, 0.4034, 0.3175 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, 120, 129)` looks like.

```
.text, #text, p{  
    color:rgb(202, 120, 129)  
}
```

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, 120, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 120, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.5745, 0.4034, 0.3175 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, 120, 129) }
```

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

```
.border{ border-color:rgb(202, 120, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 120, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 120, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 120, 129);  
box-shadow:4px 4px 4px 4px rgb(202, 120,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5745, 0.4034, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 120, 129) }
```

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

```
.background{ background-color: rgb(202,  
120, 129) }
```

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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