

Converting Colors

$Y_{xy}(27.7137, 0.4137, 0.3235)$

Have a look what the booklet for
Yxy(27.7137, 0.4137, 0.3235)
contains.

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Color

Yxy(27.6280, 0.4138, 0.3229)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD777C |
| RGB | 205, 119, 124 |
| RGB Percent | 80%, 47%, 49% |
| CMY | 0.1962, 0.5332, 0.5138 |
| CMYK | 0.00, 0.42, 0.40, 0.20 |
| HSL | 357°, 46%, 64% |
| HSV | 357°, 42%, 80% |
| XYZ | 35.4056, 27.6280, 22.5285 |
| YIQ | 145.2840, 49.6510, 19.7870 |

Conversions

Conversions Part 2

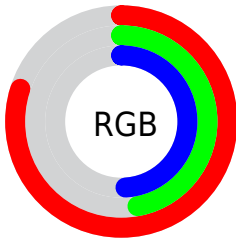
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 205, 119, 124 |
| Decimal | 13465468 |
| CIE Lab | 59.55, 34.11, 11.97 |
| CIE LCh | 60, 36.149, 19.336 |
| Yxy | 27.6280, 0.4138, 0.3229 |
| Android (android.graphics.Color) | 4291655548 (0xFFCD777C) |
| YUV | 145.2840, -10.4930, 52.3709 |
| Hunter-Lab | 52.5623, 28.2521, 11.3816 |

Details

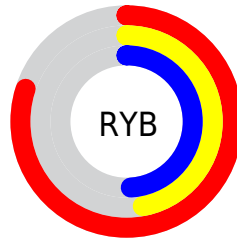
The Yxy color **27.6280, 0.4138, 0.3229** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.7452, 0.2586, 0.3357**, and the grayscale version is **28.4663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8996, 0.3849, 0.3250**, and **10.9381, 0.4516, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **22.8226, 0.4528, 0.3218**, and if you desaturate by 10%, it is **33.5840, 0.3811, 0.3243**.

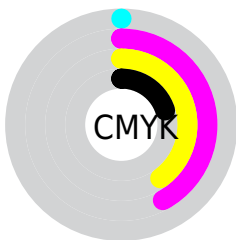
Distribution



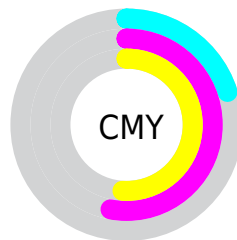
- Red (80%)
- Green (47%)
- Blue (49%)



- Red (80%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (40%)
- Black (20%)





- Cyan (20%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6280, 0.4138, 0.3229 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 27.6280, 0.4138, 0.3229 by changing the saturation by 10% instead.


 27.6280, 0.4138,
0.3229


 27.6280, 0.4138,
0.3229


290.6851, 0.3584,
0.3278


 18.0454, 0.4293,
0.3209


 55.8900, 0.3924,
0.3252

 10.9826, 0.4504,
0.3178


 75.3382, 0.3848,
0.3259

 6.0551, 0.4803,
0.3125

 98.8437, 0.3785,
0.3264

 2.8786, 0.5256,
0.3026

126.7909, 0.3732,
0.3268

 1.0687, 0.6226,
0.2916

159.5643, 0.3686,
0.3271

 0.0000, 1.0000,
0.0000

197.5482, 0.3647,

 0.0000, 0.0000,


0.3274


0.0000


241.1270, 0.3614,
0.3276


 27.6280, 0.4138,
0.3229


 27.6280, 0.4138,
0.3229

 22.8226, 0.4528,
0.3218


 33.5840, 0.3811,
0.3243


 19.0898, 0.4972,
0.3212


 40.7538, 0.3544,
0.3258


 16.3483, 0.5436,
0.3215

 49.2009, 0.3329,
0.3273


 14.5037, 0.5864,
0.3229


 58.9832, 0.3156,
0.3287

 13.4432, 0.6188,
0.3254

 70.1552, 0.3018,
0.3300

 13.0017, 0.6347,
0.3270

 82.7681, 0.2907,
0.3312

 91.7156, 0.2832,
0.3289

Harmonies

Analogous

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



27.6280, 0.3640, 0.2807



27.6280, 0.4138, 0.3229



27.6280, 0.4328, 0.3693

Triad

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



27.6280, 0.4138, 0.3229



27.6280, 0.3135, 0.4295



27.6280, 0.2158, 0.2417

Complementary

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



27.6280, 0.4138, 0.3229



51.7452, 0.2586, 0.3357

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.



27.6280, 0.2056, 0.2710



27.6280, 0.4138, 0.3229



27.6280, 0.2583, 0.3844

Square

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



27.6280, 0.4138, 0.3229



27.6280, 0.3714, 0.4372



27.6280, 0.2200, 0.3226



27.6280, 0.2494, 0.2355

Rectangle

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



27.6280, 0.4138, 0.3229



27.6280, 0.4252, 0.3987



27.6280, 0.2200, 0.3226



27.6280, 0.2098, 0.2488

Sweetspot

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



27.6294, 0.4138, 0.3229



78.7918, 0.3353, 0.3272



29.7813, 0.3116, 0.2250



16.1754, 0.3398, 0.3268



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.



27.6294, 0.4138, 0.3229



38.3134, 0.4474, 0.3219



38.1753, 0.3991, 0.3768



11.2240, 0.3281, 0.3277



8.1009, 0.6332, 0.3262



0.4217, 0.6107, 0.3138

Inverse Universe

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



27.6294, 0.4138, 0.3229



38.3134, 0.4474, 0.3219



36.2354, 0.2471, 0.2749



11.2240, 0.3281, 0.3277



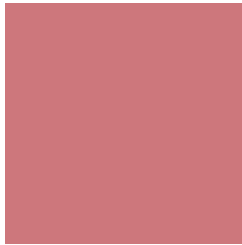
8.1009, 0.6332, 0.3262



0.4217, 0.6107, 0.3138

Previews

White Background



This preview shows how the Yxy color 27.6280, 0.4138, 0.3229 looks on a white background.

Color Contrast Check

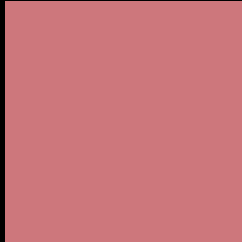
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6280, 0.4138, 0.3229 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 27.6280, 0.4138, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 27.6280, 0.4138, 0.3229.



This preview shows how white text looks on a background with the Yxy color 27.6280, 0.4138, 0.3229.

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

27.6280, 0.4138, 0.3229

Protanopia

27.7470, 0.3241, 0.3387

Deuteranopia

27.6644, 0.3630, 0.3553



Tritanopia

27.7051, 0.4099, 0.3190

Trichromacy



Original Color

27.6280, 0.4138, 0.3229

Protanomaly

27.1512, 0.3554, 0.3322

Deuteranomaly

27.3410, 0.3812, 0.3423

Tritanomaly

27.6791, 0.4112, 0.3203

Monochromacy



Original Color

27.6280, 0.4138, 0.3229

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6300, 0.3469, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6280, 0.4138, 0.3229 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(205, 119, 124)` looks like.

```
.text, #text, p{  
    color:rgb(205, 119, 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(205, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 119, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.6280, 0.4138, 0.3229 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(205, 119, 124) }
```

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

```
.border{ border-color:rgb(205, 119, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(205, 119,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6280, 0.4138, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 119, 124) }
```

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

```
.background{ background-color: rgb(205,  
119, 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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