

Converting Colors

$Y_{xy}(27.3504, 0.4070, 0.3228)$

Have a look what the booklet for
Yxy(27.3504, 0.4070, 0.3228)
contains.

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Color

Yxy(27.3311, 0.4074, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C9787D
RGB	201, 120, 125
RGB Percent	79%, 47%, 49%
CMY	0.2118, 0.5294, 0.5098
CMYK	0.00, 0.40, 0.38, 0.21
HSL	356°, 43%, 63%
HSV	356°, 40%, 79%
XYZ	34.5048, 27.3311, 22.8592
YIQ	144.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

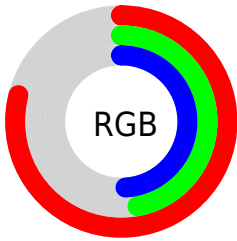
Format	Color
R_{YB}	201, 120, 125
Decimal	13203581
CIE Lab	59.28, 32.20, 10.92
CIE LCh	59, 34.006, 18.739
Yxy	27.3311, 0.4074, 0.3227
Android (android.graphics.Color)	4291393661 (0xFFC9787D)
YUV	144.7890, -9.7560, 49.2970
Hunter-Lab	52.2792, 26.3233, 10.6707

Details

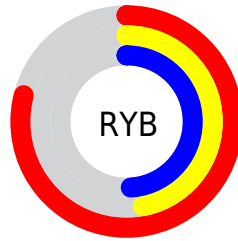
The Yxy color **27.3311, 0.4074, 0.3227** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.7506, 0.2605, 0.3358**, and the grayscale version is **28.2523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3615, 0.3827, 0.3239**, and **10.8314, 0.4415, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **22.5572, 0.4452, 0.3214**, and if you desaturate by 10%, it is **33.2139, 0.3759, 0.3243**.

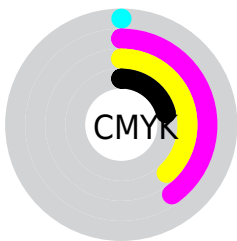
Distribution



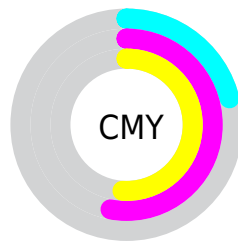
- Red (79%)
- Green (47%)
- Blue (49%)



- Red (79%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (21%)





- Cyan (21%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3311, 0.4074, 0.3227 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 27.3311, 0.4074, 0.3227 by changing the saturation by 10% instead.


 27.3311, 0.4074,
0.3227


 27.3311, 0.4074,
0.3227

289.2567, 0.3554,
0.3275

 17.8220, 0.4220,
0.3208


 55.4147, 0.3873,
0.3249

 10.8223, 0.4419,
0.3179


 74.7581, 0.3801,
0.3256

 5.9475, 0.4703,
0.3129


 98.1483, 0.3742,
0.3261

 2.8132, 0.5137,
0.3037

125.9698, 0.3692,
0.3265

 1.0350, 0.6062,
0.2933

158.6071, 0.3650,
0.3268

 0.0000, 1.0000,
0.0000


196.4443, 0.3614,


 0.0000, 0.0000,

0.3271


0.0000


239.8661, 0.3582,
0.3273

 27.3311, 0.4074,
0.3227


 27.3311, 0.4074,
0.3227


 22.5572, 0.4452,
0.3214

 33.2139, 0.3759,
0.3243


 18.8190, 0.4885,
0.3206


 40.2647, 0.3503,
0.3259


 16.0408, 0.5348,
0.3208


 48.5435, 0.3297,
0.3275

 14.1348, 0.5787,
0.3220

 58.1047, 0.3131,
0.3290

 12.9975, 0.6134,
0.3245

 68.9996, 0.2999,
0.3303

 12.4445, 0.6342,
0.3267

 81.2767, 0.2892,
0.3316

 91.1569, 0.2811,
0.3289

Harmonies

Analogous

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



27.3311, 0.3602, 0.2825



27.3311, 0.4074, 0.3227



27.3311, 0.4262, 0.3669

Triad

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



27.3311, 0.4074, 0.3227



27.3311, 0.3149, 0.4238



27.3311, 0.2203, 0.2466

Complementary

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



27.3311, 0.4074, 0.3227



49.7506, 0.2605, 0.3358

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.



27.3311, 0.2110, 0.2752



27.3311, 0.4074, 0.3227



27.3311, 0.2624, 0.3822

Square

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



27.3311, 0.4074, 0.3227



27.3311, 0.3696, 0.4309



27.3311, 0.2254, 0.3244



27.3311, 0.2519, 0.2400

Rectangle

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



27.3311, 0.4074, 0.3227



27.3311, 0.4196, 0.3948



27.3311, 0.2254, 0.3244



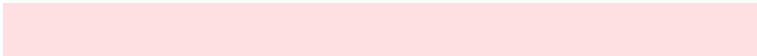
27.3311, 0.2146, 0.2536

Sweetspot

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



27.3325, 0.4074, 0.3227



80.2933, 0.3332, 0.3272



29.3334, 0.3117, 0.2290



16.7692, 0.3358, 0.3270



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.



27.3325, 0.4074, 0.3227



39.8236, 0.4386, 0.3216



37.2501, 0.3947, 0.3749



10.6474, 0.3280, 0.3276



7.8297, 0.6326, 0.3258



0.3745, 0.6073, 0.3119

Inverse Universe

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



27.3325, 0.4074, 0.3227



39.8236, 0.4386, 0.3216



35.4469, 0.2497, 0.2774



10.6474, 0.3280, 0.3276



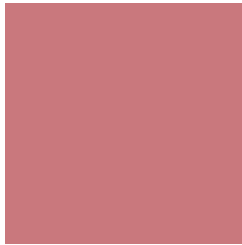
7.8297, 0.6326, 0.3258



0.3745, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 27.3311, 0.4074, 0.3227 looks on a white background.

Color Contrast Check

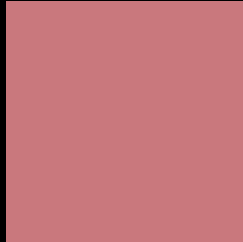
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3311, 0.4074, 0.3227 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 27.3311, 0.4074, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 27.3311, 0.4074, 0.3227.



This preview shows how white text looks on a background with the Yxy color 27.3311, 0.4074, 0.3227.

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

27.3311, 0.4074, 0.3227

Protanopia

27.6541, 0.3230, 0.3387

Deuteranopia

27.5814, 0.3607, 0.3538



Tritanopia

27.1697, 0.4040, 0.3174

Trichromacy



Original Color

27.3311, 0.4074, 0.3227

Protanomaly

27.2369, 0.3516, 0.3322

Deuteranomaly

27.1276, 0.3777, 0.3409

Tritanomaly

27.1435, 0.4053, 0.3187

Monochromacy



Original Color

27.3311, 0.4074, 0.3227

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4426, 0.3435, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3311, 0.4074, 0.3227 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(201, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(201, 120, 125)  
}
```

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(201, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 120, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.3311, 0.4074, 0.3227 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(201, 120, 125) }
```

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

```
.border{ border-color:rgb(201, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(201, 120,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3311, 0.4074, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 120, 125) }
```

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

```
.background{ background-color: rgb(201,  
120, 125) }
```

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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