

Converting Colors

$Y_{xy}(26.7437, 0.4126, 0.3293)$

Have a look what the booklet for
Yxy(26.7437, 0.4126, 0.3293)
contains.

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Color

Yxy(26.6677, 0.4134, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	C77777
RGB	199, 119, 119
RGB Percent	78%, 47%, 47%
CMY	0.2196, 0.5333, 0.5333
CMYK	0.00, 0.40, 0.40, 0.22
HSL	0°, 42%, 62%
HSV	0°, 40%, 78%
XYZ	33.4784, 26.6677, 20.8369
YIQ	142.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

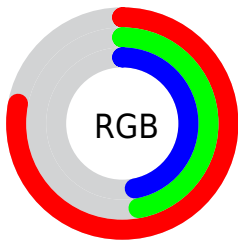
Format	Color
R _Y B	199, 119, 119
Decimal	13072247
CIE Lab	58.67, 31.28, 13.48
CIE LCh	59, 34.059, 23.315
Yxy	26.6677, 0.4134, 0.3293
Android (android.graphics.Color)	4291262327 (0xFFC77777)
YUV	142.9200, -11.7926, 49.1822
Hunter-Lab	51.6408, 25.3490, 12.2252

Details

The Yxy color **26.6677, 0.4134, 0.3293** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.8862, 0.2579, 0.3288**, and the grayscale version is **27.4694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7053, 0.3896, 0.3303**, and **10.4620, 0.4492, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **21.9888, 0.4537, 0.3294**, and if you desaturate by 10%, it is **32.4408, 0.3798, 0.3292**.

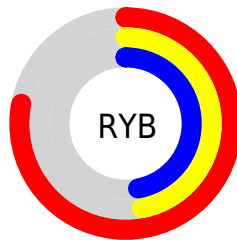
Distribution



Red (78%)

Green (47%)

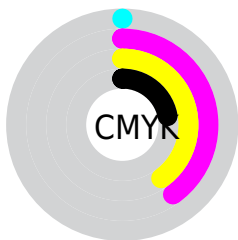
Blue (47%)



Red (78%)

Yellow (47%)

Blue (47%)

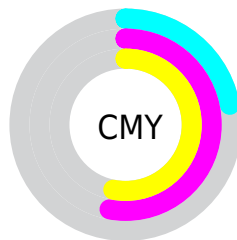


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6677, 0.4134, 0.3293 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 26.6677, 0.4134, 0.3293 by changing the saturation by 10% instead.


 26.6677, 0.4134,
0.3293


 26.6677, 0.4134,
0.3293


286.0446, 0.3579,
0.3308


 17.3238, 0.4291,
0.3281


 54.3502, 0.3919,
0.3304

 10.4656, 0.4505,
0.3261


 73.4575, 0.3842,
0.3306

 5.7088, 0.4810,
0.3221

 96.5882, 0.3779,
0.3307

 2.6688, 0.5275,
0.3138

124.1265, 0.3726,
0.3308

 0.9614, 0.6507,
0.3158

156.4569, 0.3681,
0.3308

 0.0000, 1.0000,
0.0000

193.9638, 0.3642,

 0.0000, 0.0000,

0.3309

0.0000

237.0316, 0.3608,
0.3308

■ 26.6677, 0.4134,
0.3293

■ 26.6677, 0.4134,
0.3293

■ 21.9888, 0.4537,
0.3294

■ 32.4408, 0.3798,
0.3292

■ 18.3314, 0.4995,
0.3296

■ 39.3669, 0.3524,
0.3291

■ 15.6205, 0.5473,
0.3297


■ 47.5052, 0.3305,
0.3291


■ 13.7688, 0.5908,
0.3298


■ 56.9098, 0.3130,
0.3290

■ 12.6733, 0.6226,
0.3299

■ 67.6315, 0.2990,
0.3290

 12.1412, 0.6401,
0.3300

 79.7184, 0.2877,
0.3289

 90.8810, 0.2800,
0.3289

Harmonies

Analogous

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



26.6677, 0.3691, 0.2877



26.6677, 0.4134, 0.3293



26.6677, 0.4271, 0.3739

Triad

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



26.6677, 0.4134, 0.3293



26.6677, 0.3063, 0.4205



26.6677, 0.2229, 0.2434

Complementary

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



26.6677, 0.4134, 0.3293



48.8862, 0.2579, 0.3288

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.



26.6677, 0.2100, 0.2688



26.6677, 0.4134, 0.3293



26.6677, 0.2549, 0.3742

Square

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



26.6677, 0.4134, 0.3293



26.6677, 0.3621, 0.4332



26.6677, 0.2208, 0.3157



26.6677, 0.2580, 0.2400

Rectangle

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



26.6677, 0.4134, 0.3293



26.6677, 0.4171, 0.4011



26.6677, 0.2208, 0.3157



26.6677, 0.2160, 0.2493

Sweetspot

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



26.6690, 0.4134, 0.3293



80.1911, 0.3345, 0.3291



29.4590, 0.3173, 0.2311



16.7454, 0.3372, 0.3291



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.



26.6690, 0.4134, 0.3293



39.6102, 0.4472, 0.3294



38.2687, 0.3915, 0.3815



10.6371, 0.3290, 0.3291



7.8079, 0.6401, 0.3300



0.3697, 0.6401, 0.3300

Inverse Universe

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



48.8862, 0.2579, 0.3288



83.6892, 0.2492, 0.3288



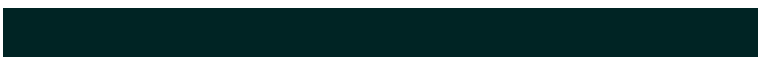
32.8411, 0.2486, 0.2694



12.0675, 0.2984, 0.3290



28.9134, 0.2247, 0.3287



1.3691, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.6677, 0.4134, 0.3293 looks on a white background.

Color Contrast Check

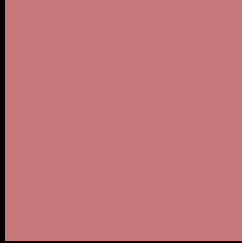
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6677, 0.4134, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

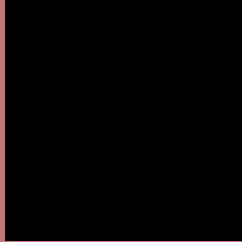
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6677, 0.4134, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 26.6677, 0.4134, 0.3293.



This preview shows how white text looks on a background with the Yxy color 26.6677, 0.4134, 0.3293.

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

26.6677, 0.4134, 0.3293

Protanopia

26.8645, 0.3305, 0.3471

Deuteranopia

26.7618, 0.3671, 0.3603



Tritanopia

26.7685, 0.4046, 0.3174

Trichromacy



Original Color

26.6677, 0.4134, 0.3293

Protanomaly

26.3884, 0.3591, 0.3399

Deuteranomaly

26.5967, 0.3841, 0.3484

Tritanomaly

26.6915, 0.4086, 0.3214

Monochromacy



Original Color

26.6677, 0.4134, 0.3293

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5580, 0.3461, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6677, 0.4134, 0.3293 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(199, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 119)  
}
```

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(199, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.6677, 0.4134, 0.3293 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(199, 119, 119) }
```

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

```
.border{ border-color:rgb(199, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6677, 0.4134, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 119) }
```

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

```
.background{ background-color: rgb(199,  
119, 119) }
```

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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