

Converting Colors

$Y_{xy}(26.3138, 0.4062, 0.3252)$

Have a look what the booklet for
Yxy(26.3138, 0.4062, 0.3252)
contains.

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Color

Yxy(26.3346, 0.4060, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C4777A
RGB	196, 119, 122
RGB Percent	77%, 47%, 48%
CMY	0.2313, 0.5333, 0.5215
CMYK	0.00, 0.39, 0.38, 0.23
HSL	358°, 39%, 62%
HSV	358°, 39%, 77%
XYZ	32.8778, 26.3346, 21.7673
YIQ	142.3650, 44.9290, 17.2570

Conversions

Conversions Part 2

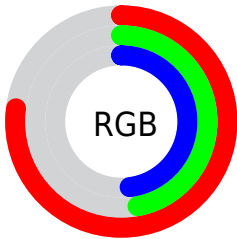
Format	Color
R _Y B	196, 119, 122
Decimal	12875642
CIE Lab	58.35, 30.50, 11.25
CIE LCh	58, 32.508, 20.249
Yxy	26.3346, 0.4060, 0.3252
Android (android.graphics.Color)	4291065722 (0xFFC4777A)
YUV	142.3650, -10.0399, 47.0379
Hunter-Lab	51.3172, 24.5556, 10.7729

Details

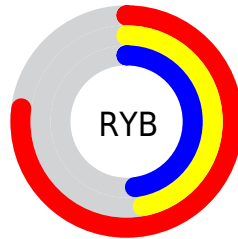
The Yxy color **26.3346, 0.4060, 0.3252** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.2571, 0.2607, 0.3331**, and the grayscale version is **27.2306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8210, 0.3867, 0.3271**, and **10.3127, 0.4420, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **21.7192, 0.4440, 0.3244**, and if you desaturate by 10%, it is **32.0051, 0.3744, 0.3262**.

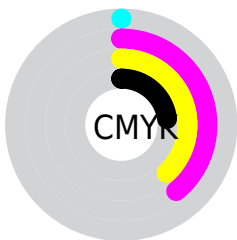
Distribution



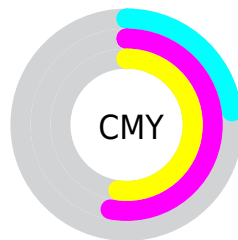
- Red (77%)
- Green (47%)
- Blue (48%)



- Red (77%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (38%)
- Black (23%)




- Cyan (23%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3346, 0.4060, 0.3252 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 26.3346, 0.4060, 0.3252 by changing the saturation by 10% instead.

 26.3346, 0.4060,
0.3252


 26.3346, 0.4060,
0.3252


284.4208, 0.3545,
0.3286


 17.0741, 0.4207,
0.3236


 53.8142, 0.3860,
0.3269

 10.2874, 0.4406,
0.3211


 72.8022, 0.3789,
0.3274

 5.5899, 0.4693,
0.3167

 95.8015, 0.3730,
0.3278

 2.5974, 0.5136,
0.3081

123.1964, 0.3681,
0.3280

 0.9253, 0.6227,
0.3048

155.3714, 0.3639,
0.3283

 0.0000, 1.0000,
0.0000

192.7108, 0.3603,


 0.0000, 0.0000,


0.3284


0.0000

235.5992, 0.3572,
0.3285

 26.3346, 0.4060,
0.3252


 26.3346, 0.4060,
0.3252

 21.7192, 0.4440,
0.3244

 32.0051, 0.3744,
0.3262


 18.0903, 0.4877,
0.3240


 38.7862, 0.3488,
0.3272


 15.3771, 0.5345,
0.3241

 46.7340, 0.3282,
0.3281


 13.4979, 0.5790,
0.3249

 55.8999, 0.3117,
0.3291


 12.3565, 0.6141,
0.3265

 66.3320, 0.2984,
0.3299

 11.7873, 0.6351,
0.3279

 78.0759, 0.2877,
0.3307

 11.7543, 0.6362,
0.3279

 90.4033, 0.2790,
0.3301

 90.4774, 0.2784,
0.3289

Harmonies

Analogous

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



26.3346, 0.3614, 0.2857



26.3346, 0.4060, 0.3252



26.3346, 0.4226, 0.3682

Triad

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



26.3346, 0.4060, 0.3252



26.3346, 0.3123, 0.4192



26.3346, 0.2240, 0.2482

Complementary

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



26.3346, 0.4060, 0.3252



47.2571, 0.2607, 0.3331

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.



26.3346, 0.2138, 0.2751



26.3346, 0.4060, 0.3252



26.3346, 0.2617, 0.3777

Square

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



26.3346, 0.4060, 0.3252



26.3346, 0.3656, 0.4281



26.3346, 0.2267, 0.3220



26.3346, 0.2559, 0.2427

Rectangle

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



26.3346, 0.4060, 0.3252



26.3346, 0.4153, 0.3949



26.3346, 0.2267, 0.3220



26.3346, 0.2181, 0.2548

Sweetspot

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



26.3359, 0.4060, 0.3252



80.2556, 0.3337, 0.3279



28.4066, 0.3131, 0.2320



16.7604, 0.3363, 0.3277



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.



26.3359, 0.4060, 0.3252



40.5188, 0.4377, 0.3245



36.0664, 0.3912, 0.3753



10.0841, 0.3283, 0.3281



7.5546, 0.6352, 0.3273



0.3287, 0.6176, 0.3176

Inverse Universe

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



26.3359, 0.4060, 0.3252



40.5188, 0.4377, 0.3245



33.5220, 0.2511, 0.2770



10.0841, 0.3283, 0.3281



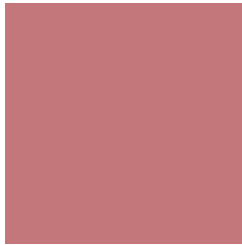
7.5546, 0.6352, 0.3273



0.3287, 0.6176, 0.3176

Previews

White Background



This preview shows how the Yxy color 26.3346, 0.4060, 0.3252 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 26.3346, 0.4060, 0.3252 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 26.3346, 0.4060, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 26.3346, 0.4060, 0.3252.



This preview shows how white text looks on a background with the Yxy color 26.3346, 0.4060, 0.3252.

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

26.3346, 0.4060, 0.3252

Protanopia

26.4694, 0.3254, 0.3406

Deuteranopia

26.3412, 0.3617, 0.3543



Tritanopia

26.2249, 0.3999, 0.3171

Trichromacy



Original Color

26.3346, 0.4060, 0.3252

Protanomaly

25.9800, 0.3536, 0.3338

Deuteranomaly

26.0553, 0.3774, 0.3427

Tritanomaly

26.1733, 0.4026, 0.3198

Monochromacy



Original Color

26.3346, 0.4060, 0.3252

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4808, 0.3438, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3346, 0.4060, 0.3252 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(196, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 122)  
}
```

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(196, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.3346, 0.4060, 0.3252 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(196, 119, 122) }
```

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

```
.border{ border-color:rgb(196, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(196, 119,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3346, 0.4060, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 122) }
```

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

```
.background{ background-color: rgb(196,  
119, 122) }
```

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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