

Converting Colors

$Y_{xy}(25.9914, 0.4113, 0.3212)$

Have a look what the booklet for
Yxy(25.9914, 0.4113, 0.3212)
contains.

Yxy(26.0380, 0.4111, 0.3213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0380, 0.4111, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	C7747A
RGB	199, 116, 122
RGB Percent	78%, 45%, 48%
CMY	0.2195, 0.5451, 0.5215
CMYK	0.00, 0.42, 0.39, 0.22
HSL	356°, 43%, 62%
HSV	356°, 42%, 78%
XYZ	33.3153, 26.0380, 21.6862
YIQ	141.5010, 47.5420, 19.4620

Conversions

Conversions Part 2

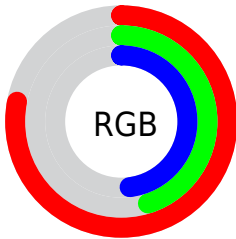
Format	Color
R _Y B	199, 116, 122
Decimal	13071482
CIE Lab	58.07, 33.26, 10.91
CIE LCh	58, 35.002, 18.168
Yxy	26.0380, 0.4111, 0.3213
Android (android.graphics.Color)	4291261562 (0xFFC7747A)
YUV	141.5010, -9.6140, 50.4266
Hunter-Lab	51.0274, 27.2430, 10.5215

Details

The Yxy color **26.0380, 0.4111, 0.3213** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.4174, 0.2596, 0.3374**, and the grayscale version is **26.8683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6919, 0.3878, 0.3240**, and **10.1416, 0.4459, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **21.5175, 0.4492, 0.3198**, and if you desaturate by 10%, it is **31.6308, 0.3792, 0.3231**.

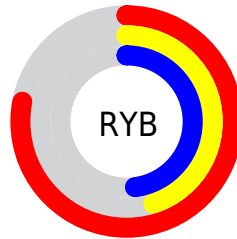
Distribution



Red (78%)

Green (45%)

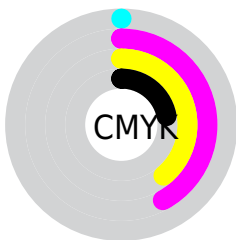
Blue (48%)



Red (78%)

Yellow (45%)

Blue (48%)

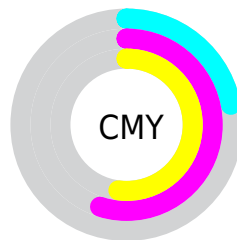


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0380, 0.4111, 0.3213 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 26.0380, 0.4111, 0.3213 by changing the saturation by 10% instead.


 26.0380, 0.4111,
0.3213


 26.0380, 0.4111,
0.3213


282.9686, 0.3567,
0.3269


 16.8521, 0.4266,
0.3191


 53.3362, 0.3900,
0.3239

 10.1291, 0.4477,
0.3157


 72.2173, 0.3825,
0.3247

 5.4846, 0.4780,
0.3100

 95.0990, 0.3763,
0.3253

 2.5343, 0.5248,
0.2993

122.3655, 0.3711,
0.3258

 0.8938, 0.6392,
0.2921

154.4013, 0.3667,
0.3262

 0.0000, 1.0000,
0.0000


191.5908, 0.3629,


 0.0000, 0.0000,


0.3265


0.0000


234.3185, 0.3596,
0.3267

 26.0380, 0.4111,
0.3213


 26.0380, 0.4111,
0.3213


 21.5175, 0.4492,
0.3198


 31.6308, 0.3792,
0.3231


 17.9970, 0.4927,
0.3190


 38.3542, 0.3531,
0.3250


 15.4018, 0.5387,
0.3192


 46.2671, 0.3321,
0.3269

 13.6446, 0.5817,
0.3208

 55.4231, 0.3153,
0.3287


 12.6219, 0.6151,
0.3238

 65.8724, 0.3017,
0.3303

 12.1773, 0.6329,
0.3260

 77.6626, 0.2908,
0.3318

 90.6437, 0.2819,
0.3329

 90.8844, 0.2800,
0.3289

Harmonies

Analogous

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



26.0380, 0.3611, 0.2799



26.0380, 0.4111, 0.3213



26.0380, 0.4313, 0.3672

Triad

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



26.0380, 0.4111, 0.3213



26.0380, 0.3159, 0.4291



26.0380, 0.2161, 0.2434

Complementary

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



26.0380, 0.4111, 0.3213



48.4174, 0.2596, 0.3374

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.



26.0380, 0.2069, 0.2734



26.0380, 0.4111, 0.3213



26.0380, 0.2609, 0.3859

Square

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



26.0380, 0.4111, 0.3213



26.0380, 0.3728, 0.4354



26.0380, 0.2222, 0.3251



26.0380, 0.2484, 0.2363

Rectangle

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



26.0380, 0.4111, 0.3213



26.0380, 0.4247, 0.3964



26.0380, 0.2222, 0.3251



26.0380, 0.2103, 0.2507

Sweetspot

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



26.0393, 0.4111, 0.3213



78.8185, 0.3349, 0.3267



27.8330, 0.3102, 0.2253



16.1818, 0.3394, 0.3262



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.



26.0393, 0.4111, 0.3213



38.3670, 0.4452, 0.3199



35.4057, 0.3991, 0.3747



10.6492, 0.3278, 0.3274



7.8338, 0.6312, 0.3251



0.3754, 0.6019, 0.3090

Inverse Universe

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



26.0393, 0.4111, 0.3213



38.3670, 0.4452, 0.3199



34.5399, 0.2479, 0.2775



10.6492, 0.3278, 0.3274



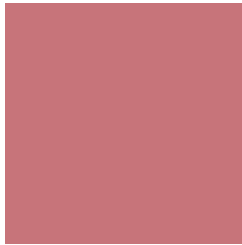
7.8338, 0.6312, 0.3251



0.3754, 0.6019, 0.3090

Previews

White Background



This preview shows how the Yxy color 26.0380, 0.4111, 0.3213 looks on a white background.

Color Contrast Check

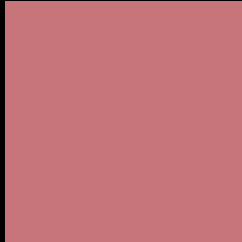
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0380, 0.4111, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

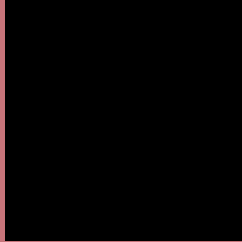
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0380, 0.4111, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 26.0380, 0.4111, 0.3213.



This preview shows how white text looks on a background with the Yxy color 26.0380, 0.4111, 0.3213.

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

26.0380, 0.4111, 0.3213

Protanopia

26.1158, 0.3234, 0.3373

Deuteranopia

26.2369, 0.3605, 0.3544



Tritanopia

26.0881, 0.4084, 0.3187

Trichromacy



Original Color

26.0380, 0.4111, 0.3213

Protanomaly

25.7368, 0.3528, 0.3307

Deuteranomaly

25.9084, 0.3790, 0.3411

Tritanomaly

26.0630, 0.4098, 0.3200

Monochromacy



Original Color

26.0380, 0.4111, 0.3213

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3109, 0.3453, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0380, 0.4111, 0.3213 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, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(199, 116, 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(199, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 116, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.0380, 0.4111, 0.3213 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, 116, 122) }
```

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

```
.border{ border-color:rgb(199, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(199, 116,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0380, 0.4111, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 116, 122) }
```

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

```
.background{ background-color: rgb(199,  
116, 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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