

Converting Colors

$Y_{xy}(26.1227, 0.4052, 0.3225)$

Have a look what the booklet for
Yxy(26.1227, 0.4052, 0.3225)
contains.

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Color

Yxy(26.1227, 0.4052, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C4767B
RGB	196, 118, 123
RGB Percent	77%, 46%, 48%
CMY	0.2313, 0.5373, 0.5176
CMYK	0.00, 0.40, 0.37, 0.23
HSL	356°, 40%, 62%
HSV	356°, 40%, 77%
XYZ	32.8215, 26.1227, 22.0565
YIQ	141.8920, 44.8830, 18.0910

Conversions

Conversions Part 2

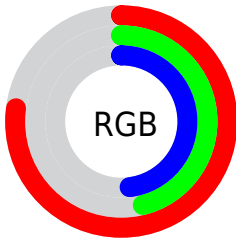
Format	Color
R _Y B	196, 118, 123
Decimal	12875387
CIE Lab	58.15, 31.16, 10.39
CIE LCh	58, 32.847, 18.442
Yxy	26.1227, 0.4052, 0.3225
Android (android.graphics.Color)	4291065467 (0xFFC4767B)
YUV	141.8920, -9.3138, 47.4527
Hunter-Lab	51.1104, 25.1839, 10.1909

Details

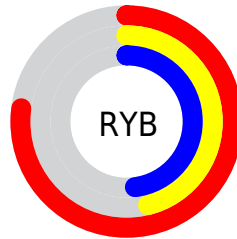
The Yxy color **26.1227, 0.4052, 0.3225** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.0974, 0.2612, 0.3360**, and the grayscale version is **27.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4810, 0.3861, 0.3250**, and **10.2041, 0.4408, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **21.5603, 0.4424, 0.3211**, and if you desaturate by 10%, it is **31.7329, 0.3742, 0.3241**.

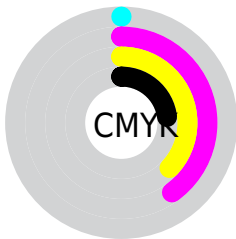
Distribution



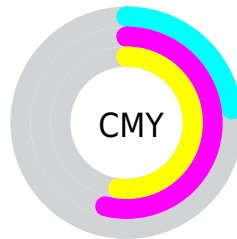
- Red (77%)
- Green (46%)
- Blue (48%)



- Red (77%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (23%)





- Cyan (23%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1227, 0.4052, 0.3225 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 26.1227, 0.4052, 0.3225 by changing the saturation by 10% instead.


 26.1227, 0.4052,
0.3225

 26.1227, 0.4052,
0.3225

283.3839, 0.3541,
0.3273


 16.9155, 0.4198,
0.3206


 53.4728, 0.3853,
0.3247

 10.1742, 0.4396,
0.3176


 72.3845, 0.3783,
0.3254

 5.5146, 0.4683,
0.3126

 95.2998, 0.3725,
0.3259

 2.5523, 0.5125,
0.3031

122.6030, 0.3676,
0.3263

 0.9027, 0.6189,
0.2968

154.6787, 0.3634,
0.3267

 0.0000, 1.0000,
0.0000


191.9111, 0.3599,


 0.0000, 0.0000,


0.3269

0.0000


234.6847, 0.3568,
0.3272

 26.1227, 0.4052,
0.3225


 26.1227, 0.4052,
0.3225


 21.5603, 0.4424,
0.3211


 31.7329, 0.3742,
0.3241


 17.9770, 0.4854,
0.3203


 38.4463, 0.3490,
0.3258

 15.3025, 0.5314,
0.3203

 46.3187, 0.3287,
0.3275


 13.4549, 0.5755,
0.3216

 55.4013, 0.3124,
0.3290

 12.3379, 0.6111,
0.3240

 65.7422, 0.2993,
0.3305

 11.7747, 0.6334,
0.3265

 77.3868, 0.2888,
0.3317

 11.7653, 0.6337,
0.3265

 90.2473, 0.2802,
0.3327

 90.4772, 0.2784,
0.3289

Harmonies

Analogous

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



26.1227, 0.3587, 0.2830



26.1227, 0.4052, 0.3225



26.1227, 0.4240, 0.3660

Triad

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



26.1227, 0.4052, 0.3225



26.1227, 0.3156, 0.4221



26.1227, 0.2217, 0.2482

Complementary

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



26.1227, 0.4052, 0.3225



47.0974, 0.2612, 0.3360

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.



26.1227, 0.2128, 0.2767



26.1227, 0.4052, 0.3225



26.1227, 0.2638, 0.3816

Square

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



26.1227, 0.4052, 0.3225



26.1227, 0.3691, 0.4289



26.1227, 0.2272, 0.3252



26.1227, 0.2526, 0.2415

Rectangle

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



26.1227, 0.4052, 0.3225



26.1227, 0.4178, 0.3934



26.1227, 0.2272, 0.3252



26.1227, 0.2162, 0.2553

Sweetspot

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



26.1240, 0.4052, 0.3225



80.2978, 0.3331, 0.3271



27.9940, 0.3117, 0.2304



16.7703, 0.3357, 0.3269



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.



26.1240, 0.4052, 0.3225



39.8332, 0.4383, 0.3213



35.4378, 0.3932, 0.3743



10.0882, 0.3279, 0.3276



7.5634, 0.6321, 0.3256



0.3305, 0.6042, 0.3102

Inverse Universe

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



26.1240, 0.4052, 0.3225



39.8332, 0.4383, 0.3213



33.7504, 0.2506, 0.2783



10.0882, 0.3279, 0.3276



7.5634, 0.6321, 0.3256



0.3305, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 26.1227, 0.4052, 0.3225 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 26.1227, 0.4052, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

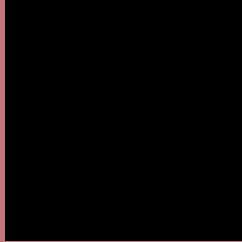
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1227, 0.4052, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 26.1227, 0.4052, 0.3225.



This preview shows how white text looks on a background with the Yxy color 26.1227, 0.4052, 0.3225.

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

26.1227, 0.4052, 0.3225

Protanopia

26.4067, 0.3232, 0.3389

Deuteranopia

26.2611, 0.3594, 0.3528



Tritanopia

25.9647, 0.4017, 0.3171

Trichromacy



Original Color

26.1227, 0.4052, 0.3225

Protanomaly

25.9008, 0.3513, 0.3322

Deuteranomaly

26.0797, 0.3762, 0.3412

Tritanomaly

25.9390, 0.4031, 0.3185

Monochromacy



Original Color

26.1227, 0.4052, 0.3225

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2057, 0.3441, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1227, 0.4052, 0.3225 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, 118, 123)` looks like.

```
.text, #text, p{  
    color:rgb(196, 118, 123)  
}
```

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, 118, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 118, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.1227, 0.4052, 0.3225 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, 118, 123) }
```

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

```
.border{ border-color:rgb(196, 118, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 118, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 118, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 118, 123);  
box-shadow:4px 4px 4px 4px rgb(196, 118,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1227, 0.4052, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 118, 123) }
```

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

```
.background{ background-color: rgb(196,  
118, 123) }
```

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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