

Converting Colors

$Y_{xy}(26.0577, 0.4366, 0.3395)$

Have a look what the booklet for
Yxy(26.0577, 0.4366, 0.3395)
contains.

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Color

Yxy(26.0195, 0.4362, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	CB736B
RGB	203, 115, 107
RGB Percent	80%, 45%, 42%
CMY	0.2039, 0.5490, 0.5805
CMYK	0.00, 0.43, 0.47, 0.20
HSL	5°, 48%, 61%
HSV	5°, 47%, 80%
XYZ	33.4110, 26.0195, 17.1651
YIQ	140.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

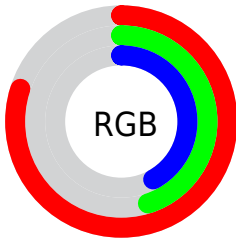
Format	Color
R_{YB}	203, 116, 107
Decimal	13333355
CIE _{Lab}	58.06, 33.67, 19.64
CIE _{LCh}	58, 38.979, 30.256
Yxy	26.0195, 0.4362, 0.3397
Android (android.graphics.Color)	4291523435 (0xFFCB736B)
YUV	140.4000, -16.4662, 54.9002
Hunter-Lab	51.0093, 27.6507, 15.7549

Details

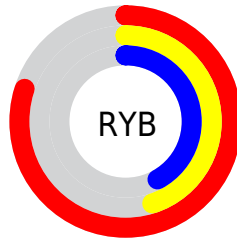
The Yxy color **26.0195, 0.4362, 0.3397** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.4484, 0.2484, 0.3174**, and the grayscale version is **26.4391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7339, 0.4034, 0.3398**, and **10.1266, 0.4797, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **21.8194, 0.4780, 0.3413**, and if you desaturate by 10%, it is **31.1785, 0.4000, 0.3375**.

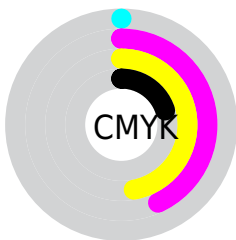
Distribution



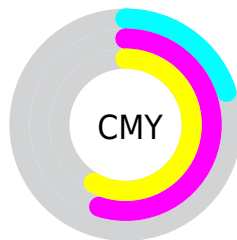
- Red (80%)
- Green (45%)
- Blue (42%)



- Red (80%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (47%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0195, 0.4362, 0.3397 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 26.0195, 0.4362, 0.3397 by changing the saturation by 10% instead.


 26.0195, 0.4362,
0.3397


 26.0195, 0.4362,
0.3397


282.8778, 0.3679,
0.3367


 16.8382, 0.4554,
0.3393


 53.3064, 0.4098,
0.3394


 10.1192, 0.4814,
0.3378


 72.1808, 0.4003,
0.3390

 5.4781, 0.5179,
0.3339

 95.0551, 0.3926,
0.3386

 2.5304, 0.5727,
0.3243

 122.3136, 0.3860,
0.3382

 0.8918, 0.6884,
0.3116

154.3407, 0.3805,
0.3378

 0.0000, 1.0000,
0.0000

191.5208, 0.3757,

 0.0000, 0.0000,

0.3374

0.0000

234.2384, 0.3716,
0.3370

■ 26.0195, 0.4362,
0.3397

■ 26.0195, 0.4362,
0.3397

■ 21.8194, 0.4780,
0.3413

■ 31.1785, 0.4000,
0.3375

■ 18.5152, 0.5233,
0.3420

■ 37.3463, 0.3698,
0.3352

■ 16.0429, 0.5677,
0.3412

■ 44.5740, 0.3450,
0.3328

■ 14.3281, 0.6050,
0.3387

■ 52.9083, 0.3249,
0.3305


■ 13.2817, 0.6294,
0.3351

■ 62.3930, 0.3086,
0.3285

 13.0960, 0.6343,
0.3346

 73.0694, 0.2954,
0.3266

 84.9770, 0.2846,
0.3248

 91.4356, 0.2822,
0.3289

Harmonies

Analogous

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



26.0195, 0.3918, 0.2918



26.0195, 0.4362, 0.3397



26.0195, 0.4419, 0.3897

Triad

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



26.0195, 0.4362, 0.3397



26.0195, 0.2897, 0.4266



26.0195, 0.2177, 0.2287

Complementary

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



26.0195, 0.4362, 0.3397



46.4484, 0.2484, 0.3174

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.



26.0195, 0.1974, 0.2505



26.0195, 0.4362, 0.3397



26.0195, 0.2350, 0.3654

Square

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



26.0195, 0.4362, 0.3397



26.0195, 0.3538, 0.4504



26.0195, 0.2029, 0.2983



26.0195, 0.2623, 0.2307

Rectangle

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



26.0195, 0.4362, 0.3397



26.0195, 0.4242, 0.4197



26.0195, 0.2029, 0.2983



26.0195, 0.2081, 0.2331

Sweetspot

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



26.0208, 0.4362, 0.3397



78.7854, 0.3383, 0.3321



27.1463, 0.3266, 0.2232



16.2365, 0.3430, 0.3326



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.



26.0208, 0.4362, 0.3397



36.2508, 0.4800, 0.3414



39.9466, 0.4045, 0.4002



11.3620, 0.3288, 0.3310



8.3905, 0.6330, 0.3356



0.4863, 0.6115, 0.3526

Inverse Universe

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



46.4484, 0.2484, 0.3174



74.5176, 0.2382, 0.3145



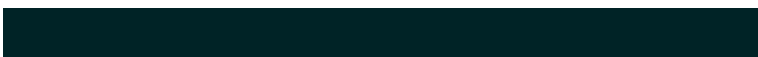
28.2987, 0.2349, 0.2438



12.5602, 0.2984, 0.3270



25.1623, 0.2175, 0.3028



1.3466, 0.2190, 0.3083

Previews

White Background



This preview shows how the Yxy color 26.0195, 0.4362, 0.3397 looks on a white background.

Color Contrast Check

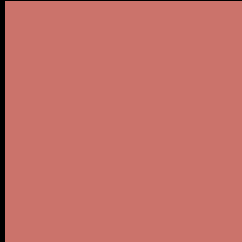
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0195, 0.4362, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

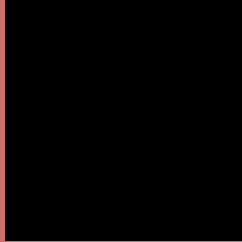
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0195, 0.4362, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 26.0195, 0.4362, 0.3397.



This preview shows how white text looks on a background with the Yxy color 26.0195, 0.4362, 0.3397.

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

26.0195, 0.4362, 0.3397

Protanopia

26.2911, 0.3424, 0.3639

Deuteranopia

26.0490, 0.3829, 0.3758



Tritanopia

26.0281, 0.4199, 0.3190

Trichromacy



Original Color

26.0195, 0.4362, 0.3397

Protanomaly

25.6859, 0.3740, 0.3539

Deuteranomaly

25.7824, 0.4027, 0.3614

Tritanomaly

26.1330, 0.4260, 0.3268

Monochromacy



Original Color

26.0195, 0.4362, 0.3397

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5776, 0.3539, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0195, 0.4362, 0.3397 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(203, 115, 107)` looks like.

```
.text, #text, p{  
    color:rgb(203, 115, 107)  
}
```

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(203, 115, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 115, 107) }
```

Border

The CSS property to change the border of an element to Yxy 26.0195, 0.4362, 0.3397 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(203, 115, 107) }
```

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

```
.border{ border-color:rgb(203, 115, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 115, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 115, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 115, 107);  
box-shadow:4px 4px 4px 4px rgb(203, 115,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0195, 0.4362, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 115, 107) }
```

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

```
.background{ background-color: rgb(203,  
115, 107) }
```

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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