

Converting Colors

$Y_{xy}(26.1761, 0.4192, 0.3416)$

Have a look what the booklet for
Yxy(26.1761, 0.4192, 0.3416)
contains.

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Color

Yxy(26.1827, 0.4185, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	C3786F
RGB	195, 120, 111
RGB Percent	76%, 47%, 44%
CMY	0.2354, 0.5293, 0.5647
CMYK	0.00, 0.38, 0.43, 0.24
HSL	6°, 41%, 60%
HSV	6°, 43%, 76%
XYZ	32.0863, 26.1827, 18.4007
YIQ	141.3990, 47.5890, 13.1010

Conversions

Conversions Part 2

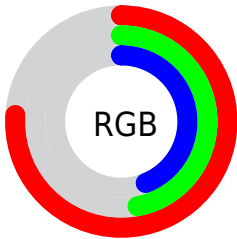
Format	Color
R_{YB}	195, 121, 111
Decimal	12810351
CIE _{Lab}	58.21, 28.28, 17.37
CIE _{LCh}	58, 33.188, 31.567
Yxy	26.1827, 0.4185, 0.3415
Android (android.graphics.Color)	4291000431 (0xFFC3786F)
YUV	141.3990, -14.9867, 47.0081
Hunter-Lab	51.1690, 22.3851, 14.4972

Details

The Yxy color **26.1827, 0.4185, 0.3415** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.4160, 0.2527, 0.3156**, and the grayscale version is **26.8479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6023, 0.3958, 0.3398**, and **10.1425, 0.4575, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **21.9871, 0.4571, 0.3440**, and if you desaturate by 10%, it is **31.2354, 0.3855, 0.3386**.

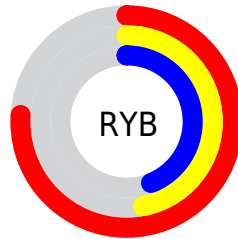
Distribution



Red (76%)

Green (47%)

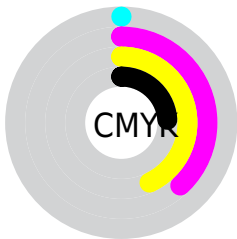
Blue (44%)



Red (76%)

Yellow (47%)

Blue (44%)

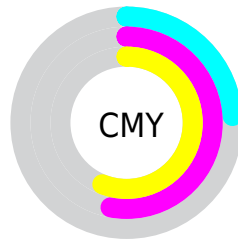


Cyan (0%)

Magenta (38%)

Yellow (43%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1827, 0.4185, 0.3415 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 26.1827, 0.4185, 0.3415 by changing the saturation by 10% instead.


 26.1827, 0.4185,
0.3415


 26.1827, 0.4185,
0.3415


283.6778, 0.3600,
0.3368


 16.9604, 0.4351,
0.3419


 53.5695, 0.3958,
0.3403

 10.2062, 0.4575,
0.3417


 72.5028, 0.3877,
0.3397

 5.5359, 0.4895,
0.3401

 95.4419, 0.3811,
0.3391

 2.5650, 0.5379,
0.3343

 122.7712, 0.3755,
0.3385

 0.9091, 0.6612,
0.3388

154.8750, 0.3707,
0.3380

 0.0000, 1.0000,
0.0000

192.1378, 0.3667,

 0.0000, 0.0000,

0.3376

0.0000

234.9439, 0.3631,
0.3372

■ 26.1827, 0.4185,
0.3415

■ 26.1827, 0.4185,
0.3415

■ 21.9871, 0.4571,
0.3440

■ 31.2354, 0.3855,
0.3386

■ 18.5974, 0.5003,
0.3455

■ 37.1850, 0.3582,
0.3356

■ 15.9626, 0.5450,
0.3454


■ 44.0736, 0.3358,
0.3326

■ 14.0248, 0.5860,
0.3434


■ 51.9394, 0.3176,
0.3298

■ 12.7171, 0.6170,
0.3394

■ 60.8185, 0.3028,
0.3273

 12.1330, 0.6317,
0.3366

 70.7452, 0.2906,
0.3249

 81.7521, 0.2806,
0.3228

 90.3386, 0.2778,
0.3289

Harmonies

Analogous

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



26.1827, 0.3822, 0.2991



26.1827, 0.4185, 0.3415



26.1827, 0.4226, 0.3847

Triad

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



26.1827, 0.4185, 0.3415



26.1827, 0.2916, 0.4087



26.1827, 0.2319, 0.2420

Complementary

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



26.1827, 0.4185, 0.3415



42.4160, 0.2527, 0.3156

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.



26.1827, 0.2130, 0.2609



26.1827, 0.4185, 0.3415



26.1827, 0.2447, 0.3576

Square

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



26.1827, 0.4185, 0.3415



26.1827, 0.3467, 0.4313



26.1827, 0.2172, 0.3016



26.1827, 0.2720, 0.2441

Rectangle

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



26.1827, 0.4185, 0.3415



26.1827, 0.4073, 0.4095



26.1827, 0.2172, 0.3016



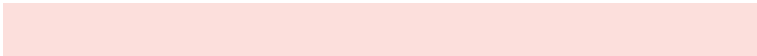
26.1827, 0.2231, 0.2458

Sweetspot

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



26.1840, 0.4185, 0.3415



78.7868, 0.3361, 0.3326



26.5368, 0.3267, 0.2336



16.6138, 0.3407, 0.3333



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.



26.1840, 0.4185, 0.3415



39.5703, 0.4560, 0.3439



38.3703, 0.3937, 0.3956



10.2482, 0.3286, 0.3315



7.9497, 0.6302, 0.3378



0.4031, 0.6008, 0.3611

Inverse Universe

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



42.4160, 0.2527, 0.3156



72.4858, 0.2421, 0.3122



27.4436, 0.2419, 0.2508



11.2376, 0.2984, 0.3265



22.3234, 0.2153, 0.2952



1.0185, 0.2176, 0.3034

Previews

White Background



This preview shows how the Yxy color 26.1827, 0.4185, 0.3415 looks on a white background.

Color Contrast Check

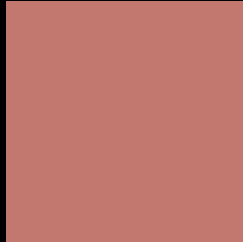
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1827, 0.4185, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

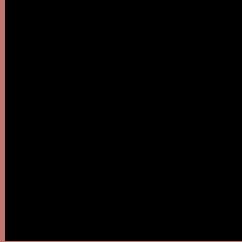
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1827, 0.4185, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 26.1827, 0.4185, 0.3415.



This preview shows how white text looks on a background with the Yxy color 26.1827, 0.4185, 0.3415.

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

26.1827, 0.4185, 0.3415

Protanopia

26.3397, 0.3403, 0.3605

Deuteranopia

26.4100, 0.3778, 0.3711



Tritanopia

26.1990, 0.4013, 0.3185

Trichromacy



Original Color

26.1827, 0.4185, 0.3415

Protanomaly

25.9519, 0.3672, 0.3541

Deuteranomaly

26.2995, 0.3925, 0.3604

Tritanomaly

26.3099, 0.4073, 0.3266

Monochromacy



Original Color

26.1827, 0.4185, 0.3415

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9638, 0.3486, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1827, 0.4185, 0.3415 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(195, 120, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 120, 111)  
}
```

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(195, 120, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 120, 111) }
```

Border

The CSS property to change the border of an element to Yxy 26.1827, 0.4185, 0.3415 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(195, 120, 111) }
```

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

```
.border{ border-color:rgb(195, 120, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 120, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 120, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 120, 111);  
box-shadow:4px 4px 4px 4px rgb(195, 120,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1827, 0.4185, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 120, 111) }
```

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

```
.background{ background-color: rgb(195,  
120, 111) }
```

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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