

Converting Colors

$Y_{xy}(26.8722, 0.4412, 0.3452)$

Have a look what the booklet for
Yxy(26.8722, 0.4412, 0.3452)
contains.

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Color

Yxy(26.8643, 0.4408, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	CE7569
RGB	206, 117, 105
RGB Percent	81%, 46%, 41%
CMY	0.1921, 0.5411, 0.5884
CMYK	0.00, 0.43, 0.49, 0.19
HSL	7°, 51%, 61%
HSV	7°, 49%, 81%
XYZ	34.3639, 26.8643, 16.7298
YIQ	142.2430, 56.8960, 15.1360

Conversions

Conversions Part 2

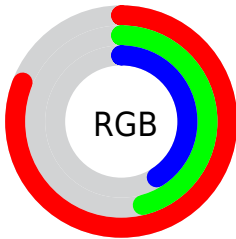
Format	Color
R_{YB}	206, 119, 105
Decimal	13530473
CIE Lab	58.85, 33.57, 21.93
CIE LCh	59, 40.101, 33.149
Yxy	26.8643, 0.4408, 0.3446
Android (android.graphics.Color)	4291720553 (0xFFCE7569)
YUV	142.2430, -18.3608, 55.9149
Hunter-Lab	51.8308, 27.6418, 17.1441

Details

The Yxy color **26.8643, 0.4408, 0.3446** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.0246, 0.2455, 0.3117**, and the grayscale version is **27.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4098, 0.4044, 0.3440**, and **10.6157, 0.4855, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **22.6655, 0.4822, 0.3468**, and if you desaturate by 10%, it is **31.9880, 0.4045, 0.3416**.

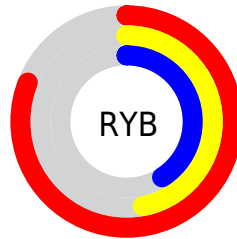
Distribution



Red (81%)

Green (46%)

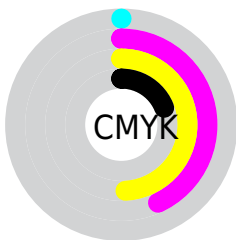
Blue (41%)



Red (81%)

Yellow (47%)

Blue (41%)

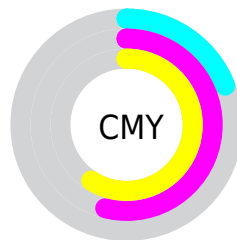


Cyan (0%)

Magenta (43%)

Yellow (49%)

Black (19%)



Cyan (19%)


Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8643, 0.4408, 0.3446 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 26.8643, 0.4408, 0.3446 by changing the saturation by 10% instead.


 26.8643, 0.4408,
0.3446


 26.8643, 0.4408,
0.3446


286.9995, 0.3704,
0.3393


 17.4713, 0.4604,
0.3447


 54.6660, 0.4137,
0.3435


 10.5711, 0.4866,
0.3437


 73.8436, 0.4040,
0.3428

 5.7792, 0.5232,
0.3405

 97.0515, 0.3959,
0.3421

 2.7113, 0.5777,
0.3318

 124.6741, 0.3892,
0.3415

 0.9829, 0.6829,
0.3171

157.0958, 0.3834,
0.3409

 0.0000, 1.0000,
0.0000

194.7010, 0.3785,

 0.0000, 0.0000,

0.3403

0.0000

237.8741, 0.3742,
0.3398

■ 26.8643, 0.4408,
0.3446

■ 26.8643, 0.4408,
0.3446

■ 22.6655, 0.4822,
0.3468

■ 31.9880, 0.4045,
0.3416

■ 19.3325, 0.5266,
0.3475

■ 38.0829, 0.3739,
0.3383

■ 16.8055, 0.5696,
0.3462

■ 45.1973, 0.3487,
0.3349

■ 15.0155, 0.6052,
0.3426


■ 53.3749, 0.3281,
0.3317

■ 13.8777, 0.6289,
0.3377

■ 62.6571, 0.3113,
0.3287

 13.7982, 0.6307,
0.3374

 73.0827, 0.2975,
0.3260

 84.6889, 0.2863,
0.3235

 91.8621, 0.2838,
0.3289

Harmonies

Analogous

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



26.8643, 0.3990, 0.2955



26.8643, 0.4408, 0.3446



26.8643, 0.4424, 0.3951

Triad

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



26.8643, 0.4408, 0.3446



26.8643, 0.2831, 0.4238



26.8643, 0.2195, 0.2263

Complementary

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



26.8643, 0.4408, 0.3446



46.0246, 0.2455, 0.3117

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.



26.8643, 0.1965, 0.2458



26.8643, 0.4408, 0.3446



26.8643, 0.2294, 0.3592

Square

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



26.8643, 0.4408, 0.3446



26.8643, 0.3481, 0.4524



26.8643, 0.1995, 0.2918



26.8643, 0.2670, 0.2306

Rectangle

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



26.8643, 0.4408, 0.3446



26.8643, 0.4221, 0.4249



26.8643, 0.1995, 0.2918



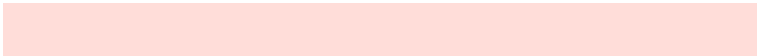
26.8643, 0.2090, 0.2300

Sweetspot

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



26.8657, 0.4408, 0.3446



78.1324, 0.3402, 0.3337



27.1234, 0.3309, 0.2229



16.1361, 0.3448, 0.3344



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.



26.8657, 0.4408, 0.3446



36.3075, 0.4852, 0.3469



41.8787, 0.4066, 0.4067



11.4254, 0.3287, 0.3318



8.5716, 0.6291, 0.3387



0.5158, 0.6008, 0.3612

Inverse Universe

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



46.0246, 0.2455, 0.3117



70.8061, 0.2350, 0.3074



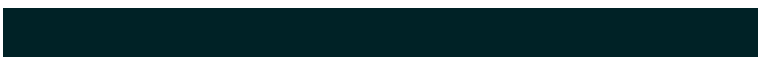
27.3127, 0.2309, 0.2345



12.4899, 0.2983, 0.3262



23.3014, 0.2143, 0.2913



1.2681, 0.2165, 0.2993

Previews

White Background



This preview shows how the Yxy color 26.8643, 0.4408, 0.3446 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 26.8643, 0.4408, 0.3446 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 26.8643, 0.4408, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 26.8643, 0.4408, 0.3446.



This preview shows how white text looks on a background with the Yxy color 26.8643, 0.4408, 0.3446.

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

26.8643, 0.4408, 0.3446

Protanopia

27.0910, 0.3484, 0.3716

Deuteranopia

27.0026, 0.3888, 0.3809



Tritanopia

26.7301, 0.4201, 0.3179

Trichromacy



Original Color

26.8643, 0.4408, 0.3446

Protanomaly

26.4910, 0.3802, 0.3611

Deuteranomaly

26.6249, 0.4074, 0.3666

Tritanomaly

26.7878, 0.4288, 0.3281

Monochromacy



Original Color

26.8643, 0.4408, 0.3446

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3594, 0.3545, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8643, 0.4408, 0.3446 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(206, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(206, 117, 105)  
}
```

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(206, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 117, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.8643, 0.4408, 0.3446 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(206, 117, 105) }
```

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

```
.border{ border-color:rgb(206, 117, 105) }
```

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

Here you see how a box with a 4 pixel rgb(206, 117, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(206, 117,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8643, 0.4408, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 117, 105) }
```

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

```
.background{ background-color: rgb(206,  
117, 105) }
```

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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