

Converting Colors

$Yxy(26.7777, 0.4019, 0.3385)$

Have a look what the booklet for
Yxy(26.7777, 0.4019, 0.3385)
contains.

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Color

Yxy(26.6705, 0.4014, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	BE7C76
RGB	190, 124, 118
RGB Percent	75%, 49%, 46%
CMY	0.2550, 0.5137, 0.5372
CMYK	0.00, 0.35, 0.38, 0.25
HSL	5°, 36%, 60%
HSV	5°, 38%, 75%
XYZ	31.7107, 26.6705, 20.6191
YIQ	143.0500, 41.2620, 12.1260

Conversions

Conversions Part 2

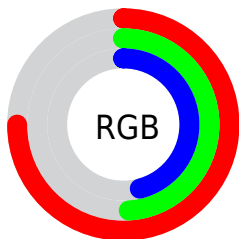
Format	Color
R _Y B	190, 125, 118
Decimal	12483702
CIE Lab	58.67, 24.94, 13.89
CIE LCh	59, 28.545, 29.112
Yxy	26.6705, 0.4014, 0.3376
Android (android.graphics.Color)	4290673782 (0xFFBE7C76)
YUV	143.0500, -12.3496, 41.1752
Hunter-Lab	51.6435, 19.2285, 12.4784

Details

The Yxy color **26.6705, 0.4014, 0.3376** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.8440, 0.2593, 0.3200**, and the grayscale version is **27.5281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3030, 0.3826, 0.3368**, and **10.4081, 0.4333, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **22.2780, 0.4377, 0.3397**, and if you desaturate by 10%, it is **31.9274, 0.3710, 0.3353**.

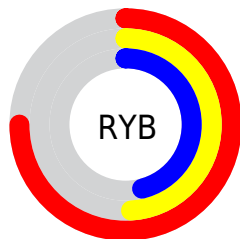
Distribution



Red (75%)

Green (49%)

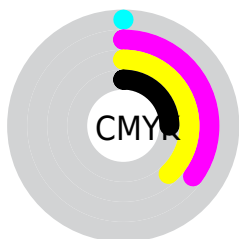
Blue (46%)



Red (75%)

Yellow (49%)

Blue (46%)

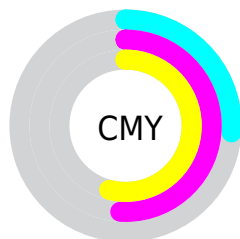


Cyan (0%)

Magenta (35%)

Yellow (38%)

Black (25%)



Cyan (26%)


Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6705, 0.4014, 0.3376 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 26.6705, 0.4014, 0.3376 by changing the saturation by 10% instead.

 26.6705, 0.4014,
0.3376


 26.6705, 0.4014,
0.3376


286.0582, 0.3525,
0.3343


 17.3259, 0.4153,
0.3379


 54.3547, 0.3824,
0.3368

 10.4671, 0.4342,
0.3378


 73.4630, 0.3757,
0.3363

 5.7098, 0.4613,
0.3368

 96.5948, 0.3701,
0.3359

 2.6694, 0.5029,
0.3330

124.1343, 0.3654,
0.3356

 0.9617, 0.6242,
0.3490

156.4661, 0.3615,
0.3352

 0.0000, 1.0000,
0.0000

193.9743, 0.3580,

 0.0000, 0.0000,

0.3349

0.0000

237.0436, 0.3551,
0.3346

■ 26.6705, 0.4014,
0.3376

■ 26.6705, 0.4014,
0.3376

■ 22.2780, 0.4377,
0.3397

■ 31.9274, 0.3710,
0.3353

■ 18.6999, 0.4795,
0.3413

■ 38.0874, 0.3462,
0.3329

■ 15.8872, 0.5247,
0.3419


■ 45.1916, 0.3259,
0.3307


■ 13.7840, 0.5688,
0.3411


■ 53.2773, 0.3095,
0.3286


■ 12.3266, 0.6056,
0.3386


■ 62.3800, 0.2962,
0.3267

 11.4378, 0.6299,
0.3352

 72.5333, 0.2853,
0.3250

 11.3112, 0.6339,
0.3348

 83.7692, 0.2763,
0.3234

 89.6853, 0.2752,
0.3289

Harmonies

Analogous

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



26.6705, 0.3687, 0.3006



26.6705, 0.4014, 0.3376



26.6705, 0.4077, 0.3753

Triad

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



26.6705, 0.4014, 0.3376



26.6705, 0.2989, 0.3988



26.6705, 0.2407, 0.2543

Complementary

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



26.6705, 0.4014, 0.3376



41.8440, 0.2593, 0.3200

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.



26.6705, 0.2256, 0.2730



26.6705, 0.4014, 0.3376



26.6705, 0.2572, 0.3575

Square

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



26.6705, 0.4014, 0.3376



26.6705, 0.3465, 0.4161



26.6705, 0.2313, 0.3099



26.6705, 0.2745, 0.2544

Rectangle

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



26.6705, 0.4014, 0.3376



26.6705, 0.3964, 0.3968



26.6705, 0.2313, 0.3099



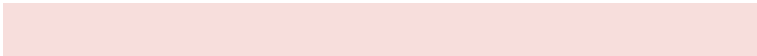
26.6705, 0.2335, 0.2584

Sweetspot

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



26.6718, 0.4014, 0.3376



77.4733, 0.3321, 0.3314



27.3648, 0.3234, 0.2434



16.6190, 0.3348, 0.3317



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6718, 0.4014, 0.3376



41.9663, 0.4294, 0.3393



37.3938, 0.3827, 0.3860



9.6608, 0.3286, 0.3310



7.5718, 0.6327, 0.3358



0.3405, 0.6073, 0.3560

Inverse Universe

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



41.8440, 0.2593, 0.3200



73.1643, 0.2503, 0.3179



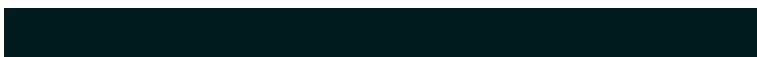
28.7492, 0.2512, 0.2640



10.6697, 0.2985, 0.3270



22.6978, 0.2175, 0.3030



0.9296, 0.2194, 0.3097

Previews

White Background



This preview shows how the Yxy color 26.6705, 0.4014, 0.3376 looks on a white background.

Color Contrast Check

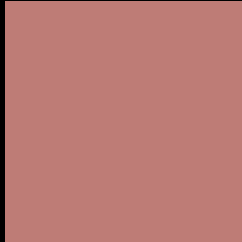
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6705, 0.4014, 0.3376 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 26.6705, 0.4014, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 26.6705, 0.4014, 0.3376.



This preview shows how white text looks on a background with the Yxy color 26.6705, 0.4014, 0.3376.

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

26.6705, 0.4014, 0.3376

Protanopia

26.8780, 0.3348, 0.3520

Deuteranopia

26.7618, 0.3671, 0.3603



Tritanopia

26.6341, 0.3871, 0.3168

Trichromacy



Original Color

26.6705, 0.4014, 0.3376

Protanomaly

26.5697, 0.3572, 0.3463

Deuteranomaly

26.6711, 0.3784, 0.3517

Tritanomaly

26.7486, 0.3930, 0.3251

Monochromacy



Original Color

26.6705, 0.4014, 0.3376

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8031, 0.3421, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6705, 0.4014, 0.3376 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(190, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 124, 118)  
}
```

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(190, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 124, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.6705, 0.4014, 0.3376 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(190, 124, 118) }
```

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

```
.border{ border-color:rgb(190, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(190, 124,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6705, 0.4014, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 124, 118) }
```

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

```
.background{ background-color: rgb(190,  
124, 118) }
```

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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