

Converting Colors

$Yxy(26.8667, 0.4051, 0.3359)$

Have a look what the booklet for
Yxy(26.8667, 0.4051, 0.3359)
contains.

Yxy(26.8114, 0.4055, 0.3361)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8114, 0.4055, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C17B76
RGB	193, 123, 118
RGB Percent	76%, 48%, 46%
CMY	0.2431, 0.5176, 0.5372
CMYK	0.00, 0.36, 0.39, 0.24
HSL	4°, 38%, 61%
HSV	4°, 39%, 76%
XYZ	32.3476, 26.8114, 20.6131
YIQ	143.3600, 43.3250, 13.2850

Conversions

Conversions Part 2

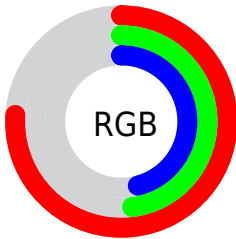
Format	Color
RYB	193, 123, 118
Decimal	12680054
CIELab	58.80, 26.68, 14.12
CIElCh	59, 30.188, 27.898
Yxy	26.8114, 0.4055, 0.3361
Android (android.graphics.Color)	4290870134 (0xFFC17B76)
YUV	143.3600, -12.5025, 43.5343
Hunter-Lab	51.7797, 20.8971, 12.6429

Details

The Yxy color **26.8114, 0.4055, 0.3361** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.6788, 0.2584, 0.3216**, and the grayscale version is **27.6586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4622, 0.3856, 0.3356**, and **10.5256, 0.4392, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **22.3335, 0.4429, 0.3378**, and if you desaturate by 10%, it is **32.2085, 0.3742, 0.3342**.

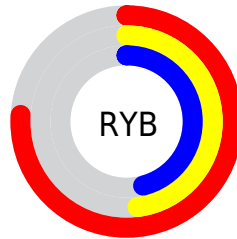
Distribution



Red (76%)

Green (48%)

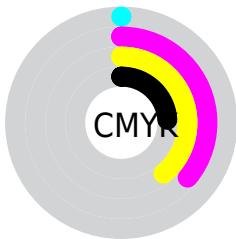
Blue (46%)



Red (76%)

Yellow (48%)

Blue (46%)

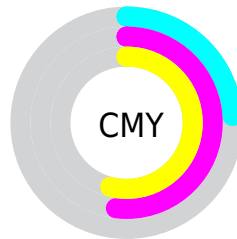


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8114, 0.4055, 0.3361 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 26.8114, 0.4055, 0.3361 by changing the saturation by 10% instead.

 26.8114, 0.4055,
0.3361


 26.8114, 0.4055,
0.3361


286.7428, 0.3543,
0.3338


 17.4316, 0.4200,
0.3361


 54.5811, 0.3857,
0.3356

 10.5427, 0.4397,
0.3356


 73.7398, 0.3786,
0.3354

 5.7602, 0.4678,
0.3338


 96.9269, 0.3728,
0.3351

 2.6998, 0.5109,
0.3290

124.5268, 0.3679,
0.3348

 0.9771, 0.6331,
0.3414

156.9240, 0.3638,
0.3345

 0.0000, 1.0000,
0.0000

194.5028, 0.3602,

 0.0000, 0.0000,

0.3342

0.0000

237.6476, 0.3571,
0.3340

■ 26.8114, 0.4055,
0.3361

■ 26.8114, 0.4055,
0.3361

■ 22.3335, 0.4429,
0.3378

■ 32.2085, 0.3742,
0.3342

■ 18.7198, 0.4858,
0.3390

■ 38.5678, 0.3485,
0.3323

■ 15.9158, 0.5317,
0.3393


■ 45.9345, 0.3278,
0.3305


■ 13.8590, 0.5757,
0.3385

■ 54.3496, 0.3110,
0.3288


■ 12.4776, 0.6112,
0.3363

■ 63.8520, 0.2974,
0.3273

 11.6822, 0.6335,
0.3337

 74.4785, 0.2863,
0.3259

 11.6223, 0.6355,
0.3336

 86.2641, 0.2772,
0.3246

 90.0787, 0.2768,
0.3289

Harmonies

Analogous

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



26.8114, 0.3699, 0.2976



26.8114, 0.4055, 0.3361



26.8114, 0.4133, 0.3759

Triad

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



26.8114, 0.4055, 0.3361



26.8114, 0.3000, 0.4044



26.8114, 0.2360, 0.2509

Complementary

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



26.8114, 0.4055, 0.3361



43.6788, 0.2584, 0.3216

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.



26.8114, 0.2211, 0.2711



26.8114, 0.4055, 0.3361



26.8114, 0.2556, 0.3612

Square

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



26.8114, 0.4055, 0.3361



26.8114, 0.3500, 0.4212



26.8114, 0.2277, 0.3105



26.8114, 0.2706, 0.2503

Rectangle

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



26.8114, 0.4055, 0.3361



26.8114, 0.4019, 0.3989



26.8114, 0.2277, 0.3105



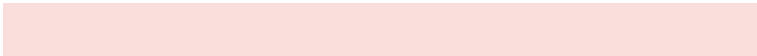
26.8114, 0.2287, 0.2553

Sweetspot

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



26.8127, 0.4055, 0.3361



77.6610, 0.3342, 0.3311



27.9837, 0.3211, 0.2384



16.2838, 0.3369, 0.3313



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.



26.8127, 0.4055, 0.3361



40.8154, 0.4384, 0.3376



37.5329, 0.3862, 0.3844



10.1830, 0.3287, 0.3306



7.7729, 0.6344, 0.3345



0.3737, 0.6147, 0.3502

Inverse Universe

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



43.6788, 0.2584, 0.3216



75.3948, 0.2485, 0.3197



30.0819, 0.2500, 0.2659



11.3100, 0.2984, 0.3274



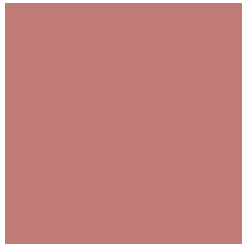
24.3628, 0.2190, 0.3083



1.0878, 0.2204, 0.3133

Previews

White Background



This preview shows how the Yxy color 26.8114, 0.4055, 0.3361 looks on a white background.

Color Contrast Check

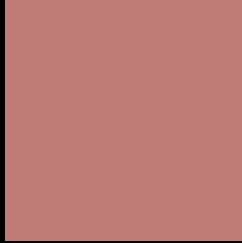
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8114, 0.4055, 0.3361 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 26.8114, 0.4055, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 26.8114, 0.4055, 0.3361.



This preview shows how white text looks on a background with the Yxy color 26.8114, 0.4055, 0.3361.

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

26.8114, 0.4055, 0.3361

Protanopia

26.8780, 0.3348, 0.3520

Deuteranopia

26.8686, 0.3683, 0.3602



Tritanopia

26.7558, 0.3923, 0.3170

Trichromacy



Original Color

26.8114, 0.4055, 0.3361

Protanomaly

26.3979, 0.3587, 0.3447

Deuteranomaly

26.6309, 0.3813, 0.3500

Tritanomaly

26.8948, 0.3970, 0.3238

Monochromacy



Original Color

26.8114, 0.4055, 0.3361

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9066, 0.3433, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8114, 0.4055, 0.3361 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(193, 123, 118)` looks like.

```
.text, #text, p{  
    color:rgb(193, 123, 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(193, 123, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 123, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.8114, 0.4055, 0.3361 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(193, 123, 118) }
```

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

```
.border{ border-color:rgb(193, 123, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 123, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 123, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 123, 118); box-shadow:4px 4px 4px 4px rgb(193, 123, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8114, 0.4055, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 123, 118) }
```

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

```
.background{ background-color: rgb(193,  
123, 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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