

Converting Colors

$Y_{xy}(26.3716, 0.4084, 0.3387)$

Have a look what the booklet for
Yxy(26.3716, 0.4084, 0.3387)
contains.

Yxy(26.3633, 0.4087, 0.3389)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3633, 0.4087, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	C07A73
RGB	192, 122, 115
RGB Percent	75%, 48%, 45%
CMY	0.2470, 0.5216, 0.5490
CMYK	0.00, 0.36, 0.40, 0.25
HSL	5°, 38%, 60%
HSV	5°, 40%, 75%
XYZ	31.7931, 26.3633, 19.6344
YIQ	142.1320, 43.9670, 12.6630

Conversions

Conversions Part 2

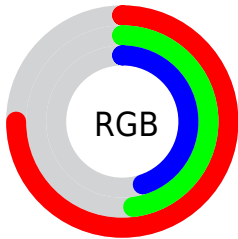
Format	Color
R_{YB}	192, 123, 115
Decimal	12614259
CIE Lab	58.38, 26.48, 15.25
CIE LCh	58, 30.557, 29.938
Yxy	26.3633, 0.4087, 0.3389
Android (android.graphics.Color)	4290804339 (0xFFC07A73)
YUV	142.1320, -13.3761, 43.7342
Hunter-Lab	51.3452, 20.6736, 13.2692

Details

The Yxy color **26.3633, 0.4087, 0.3389** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.1521, 0.2565, 0.3186**, and the grayscale version is **27.1470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7740, 0.3878, 0.3378**, and **10.2742, 0.4444, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **22.0590, 0.4461, 0.3411**, and if you desaturate by 10%, it is **31.5322, 0.3772, 0.3364**.

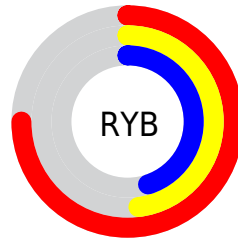
Distribution



Red (75%)

Green (48%)

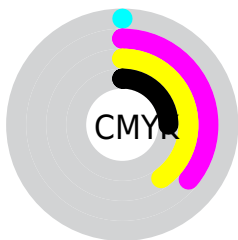
Blue (45%)



Red (75%)

Yellow (48%)

Blue (45%)

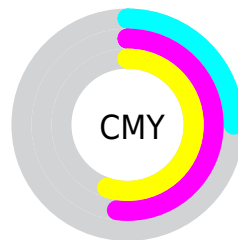


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3633, 0.4087, 0.3389 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 26.3633, 0.4087, 0.3389 by changing the saturation by 10% instead.


 26.3633, 0.4087,
0.3389

 26.3633, 0.4087,
0.3389


284.5610, 0.3557,
0.3352


 17.0956, 0.4238,
0.3392


 53.8605, 0.3881,
0.3380

 10.3027, 0.4442,
0.3390


 72.8587, 0.3808,
0.3375

 5.6001, 0.4736,
0.3377

 95.8693, 0.3748,
0.3370

 2.6035, 0.5184,
0.3330

123.2766, 0.3697,
0.3366

 0.9284, 0.6510,
0.3490

155.4651, 0.3654,
0.3362

 0.0000, 1.0000,
0.0000

192.8190, 0.3617,

 0.0000, 0.0000,

0.3358

0.0000

235.7228, 0.3585,
0.3355

■ 26.3633, 0.4087,
0.3389

■ 26.3633, 0.4087,
0.3389

■ 22.0590, 0.4461,
0.3411

■ 31.5322, 0.3772,
0.3364

■ 18.5683, 0.4887,
0.3427

■ 37.6052, 0.3512,
0.3338

■ 15.8412, 0.5339,
0.3430

■ 44.6241, 0.3300,
0.3313

■ 13.8202, 0.5769,
0.3418


■ 52.6270, 0.3129,
0.3290


■ 12.4398, 0.6113,
0.3387

■ 61.6496, 0.2989,
0.3269

 11.6217, 0.6333,
0.3354

 71.7263, 0.2875,
0.3250

 82.8896, 0.2781,
0.3233

 89.9469, 0.2762,
0.3289

Harmonies

Analogous

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



26.3633, 0.3741, 0.2995



26.3633, 0.4087, 0.3389



26.3633, 0.4144, 0.3791

Triad

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



26.3633, 0.4087, 0.3389



26.3633, 0.2963, 0.4036



26.3633, 0.2365, 0.2489

Complementary

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



26.3633, 0.4087, 0.3389



42.1521, 0.2565, 0.3186

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.



26.3633, 0.2199, 0.2680



26.3633, 0.4087, 0.3389



26.3633, 0.2521, 0.3582

Square

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



26.3633, 0.4087, 0.3389



26.3633, 0.3472, 0.4228



26.3633, 0.2252, 0.3068



26.3633, 0.2728, 0.2497

Rectangle

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



26.3633, 0.4087, 0.3389



26.3633, 0.4016, 0.4021



26.3633, 0.2252, 0.3068



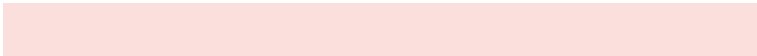
26.3633, 0.2286, 0.2530

Sweetspot

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



26.3646, 0.4087, 0.3389



78.0496, 0.3341, 0.3318



26.9975, 0.3241, 0.2385



16.3746, 0.3368, 0.3322



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.



26.3646, 0.4087, 0.3389



40.9205, 0.4408, 0.3409



37.5591, 0.3877, 0.3894



10.2218, 0.3287, 0.3312



7.8711, 0.6321, 0.3363



0.3912, 0.6063, 0.3568

Inverse Universe

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



42.1521, 0.2565, 0.3186



73.3712, 0.2468, 0.3160



28.3462, 0.2473, 0.2594



11.2669, 0.2984, 0.3268



23.1350, 0.2168, 0.3006



1.0462, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 26.3633, 0.4087, 0.3389 looks on a white background.

Color Contrast Check

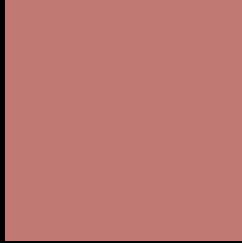
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3633, 0.4087, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

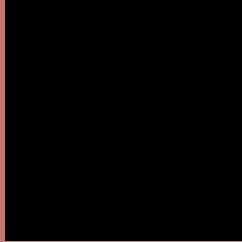
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3633, 0.4087, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 26.3633, 0.4087, 0.3389.



This preview shows how white text looks on a background with the Yxy color 26.3633, 0.4087, 0.3389.

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

26.3633, 0.4087, 0.3389

Protanopia

26.4144, 0.3371, 0.3555

Deuteranopia

26.4127, 0.3709, 0.3635



Tritanopia

26.3554, 0.3929, 0.3169

Trichromacy



Original Color

26.3633, 0.4087, 0.3389

Protanomaly

25.9421, 0.3614, 0.3479

Deuteranomaly

26.1788, 0.3841, 0.3532

Tritanomaly

26.4674, 0.3989, 0.3251

Monochromacy



Original Color

26.3633, 0.4087, 0.3389

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4675, 0.3446, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3633, 0.4087, 0.3389 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(192, 122, 115)` looks like.

```
.text, #text, p{  
    color:rgb(192, 122, 115)  
}
```

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(192, 122, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 122, 115) }
```

Border

The CSS property to change the border of an element to Yxy 26.3633, 0.4087, 0.3389 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(192, 122, 115) }
```

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

```
.border{ border-color:rgb(192, 122, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 122, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 122, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 122, 115);  
box-shadow:4px 4px 4px 4px rgb(192, 122,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3633, 0.4087, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 122, 115) }
```

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

```
.background{ background-color: rgb(192,  
122, 115) }
```

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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