

Converting Colors

$Y_{xy}(26.1203, 0.3889, 0.3299)$

Have a look what the booklet for
Yxy(26.1203, 0.3889, 0.3299)
contains.

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Color

Yxy(26.1597, 0.3892, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	B97C7B
RGB	185, 124, 123
RGB Percent	73%, 49%, 48%
CMY	0.2745, 0.5137, 0.5177
CMYK	0.00, 0.33, 0.34, 0.27
HSL	1°, 31%, 60%
HSV	1°, 34%, 73%
XYZ	30.7873, 26.1597, 22.1570
YIQ	142.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

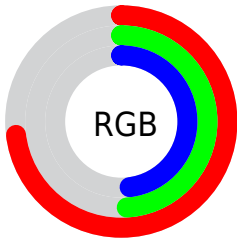
Format	Color
R_{YB}	185, 124, 123
Decimal	12156027
CIE _{Lab}	58.19, 23.61, 10.27
CIE _{LCh}	58, 25.746, 23.517
Yxy	26.1597, 0.3892, 0.3307
Android (android.graphics.Color)	4290346107 (0xFFB97C7B)
YUV	142.1250, -9.4286, 37.6014
Hunter-Lab	51.1466, 17.9403, 10.1178

Details

The Yxy color **26.1597, 0.3892, 0.3307** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.9726, 0.2656, 0.3273**, and the grayscale version is **27.1296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4167, 0.3727, 0.3314**, and **10.1378, 0.4187, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **21.5939, 0.4243, 0.3312**, and if you desaturate by 10%, it is **31.6565, 0.3604, 0.3302**.

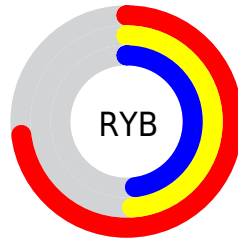
Distribution



Red (73%)

Green (49%)

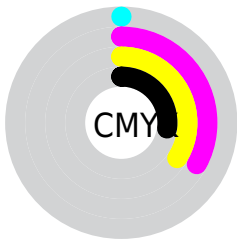
Blue (48%)



Red (73%)

Yellow (49%)

Blue (48%)

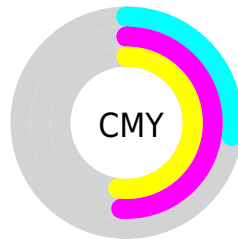


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1597, 0.3892, 0.3307 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 26.1597, 0.3892, 0.3307 by changing the saturation by 10% instead.


 26.1597, 0.3892,
0.3307


 26.1597, 0.3892,
0.3307


283.5652, 0.3469,
0.3308


 16.9432, 0.4013,
0.3302


 53.5325, 0.3727,
0.3310

 10.1940, 0.4178,
0.3293


 72.4575, 0.3669,
0.3310

 5.5278, 0.4418,
0.3274


 95.3874, 0.3621,
0.3310

 2.5601, 0.4792,
0.3229

122.7067, 0.3581,
0.3310

 0.9067, 0.5749,
0.3279

154.7997, 0.3546,
0.3309

 0.0000, 1.0000,
0.0000


192.0509, 0.3517,


 0.0000, 0.0000,


0.3309

0.0000


234.8446, 0.3491,
0.3308


 26.1597, 0.3892,
0.3307


 26.1597, 0.3892,
0.3307


 21.5939, 0.4243,
0.3312


 31.6565, 0.3604,
0.3302


 17.9040, 0.4658,
0.3317

 38.1278, 0.3371,
0.3296

 15.0352, 0.5120,
0.3320

 45.6189, 0.3184,
0.3292


 12.9246, 0.5588,
0.3320


 54.1713, 0.3034,
0.3287

 11.5006, 0.5996,
0.3317

 63.8240, 0.2913,
0.3283

 10.6777, 0.6274,
0.3310

 74.6142, 0.2815,
0.3280

 10.3802, 0.6389,
0.3309

 86.5772, 0.2735,
0.3277

 89.0530, 0.2726,
0.3289

Harmonies

Analogous

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



26.1597, 0.3561, 0.2974



26.1597, 0.3892, 0.3307



26.1597, 0.3999, 0.3657

Triad

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



26.1597, 0.3892, 0.3307



26.1597, 0.3085, 0.3968



26.1597, 0.2430, 0.2627

Complementary

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



26.1597, 0.3892, 0.3307



41.9726, 0.2656, 0.3273

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.



26.1597, 0.2325, 0.2834



26.1597, 0.3892, 0.3307



26.1597, 0.2685, 0.3628

Square

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



26.1597, 0.3892, 0.3307



26.1597, 0.3514, 0.4078



26.1597, 0.2414, 0.3197



26.1597, 0.2711, 0.2594

Rectangle

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



26.1597, 0.3892, 0.3307



26.1597, 0.3928, 0.3862



26.1597, 0.2414, 0.3197



26.1597, 0.2374, 0.2677

Sweetspot

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



26.1610, 0.3892, 0.3307



72.5956, 0.3303, 0.3295



27.9316, 0.3176, 0.2483



15.2600, 0.3331, 0.3295



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.1610, 0.3892, 0.3307



40.8617, 0.4136, 0.3311



35.1905, 0.3749, 0.3737



9.0356, 0.3287, 0.3294



7.0796, 0.6386, 0.3312



0.2578, 0.6325, 0.3359

Inverse Universe

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



41.9726, 0.2656, 0.3273



73.3913, 0.2573, 0.3269



30.4772, 0.2595, 0.2794



10.1841, 0.2985, 0.3286



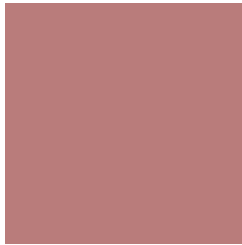
25.1502, 0.2233, 0.3237



0.8948, 0.2236, 0.3251

Previews

White Background



This preview shows how the Yxy color 26.1597, 0.3892, 0.3307 looks on a white background.

Color Contrast Check

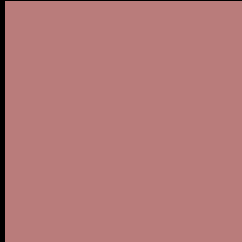
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1597, 0.3892, 0.3307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

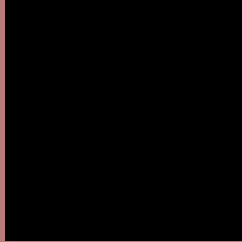
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1597, 0.3892, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 26.1597, 0.3892, 0.3307.



This preview shows how white text looks on a background with the Yxy color 26.1597, 0.3892, 0.3307.

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

26.1597, 0.3892, 0.3307

Protanopia

26.4146, 0.3274, 0.3439

Deuteranopia

26.2855, 0.3582, 0.3512



Tritanopia

26.2710, 0.3794, 0.3165

Trichromacy



Original Color

26.1597, 0.3892, 0.3307

Protanomaly

26.0823, 0.3494, 0.3386

Deuteranomaly

26.1838, 0.3693, 0.3429

Tritanomaly

26.1900, 0.3832, 0.3207

Monochromacy



Original Color

26.1597, 0.3892, 0.3307

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.3463, 0.3390, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1597, 0.3892, 0.3307 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(185, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 123)  
}
```

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(185, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.1597, 0.3892, 0.3307 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(185, 124, 123) }
```

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

```
.border{ border-color:rgb(185, 124, 123) }
```

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

Here you see how a box with a 4 pixel rgb(185, 124, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(185, 124,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1597, 0.3892, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 123) }
```

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

```
.background{ background-color: rgb(185,  
124, 123) }
```

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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