

Converting Colors

$Y_{xy}(27.4048, 0.3998, 0.3656)$

Have a look what the booklet for
Yxy(27.4048, 0.3998, 0.3656)
contains.

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Color

Yxy(27.3878, 0.3997, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	B5846B
RGB	181, 132, 107
RGB Percent	71%, 52%, 42%
CMY	0.2901, 0.4824, 0.5804
CMYK	0.00, 0.27, 0.41, 0.29
HSL	20°, 33%, 56%
HSV	20°, 41%, 71%
XYZ	29.9669, 27.3878, 17.6188
YIQ	143.8010, 37.2290, 2.6130

Conversions

Conversions Part 2

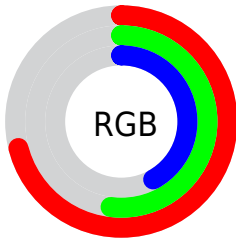
Format	Color
R_{YB}	181, 145, 107
Decimal	11895915
CIE Lab	59.33, 15.60, 20.90
CIE LCh	59, 26.079, 53.254
Yxy	27.3878, 0.3997, 0.3653
Android (android.graphics.Color)	4290085995 (0xFFB5846B)
YUV	143.8010, -18.1429, 32.6235
Hunter-Lab	52.3334, 10.6285, 16.6725

Details

The Yxy color **27.3878, 0.3997, 0.3653** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2572, 0.2511, 0.2889**, and the grayscale version is **27.8702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3783, 0.3807, 0.3581**, and **10.7860, 0.4315, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **23.9794, 0.4298, 0.3737**, and if you desaturate by 10%, it is **31.2526, 0.3732, 0.3562**.

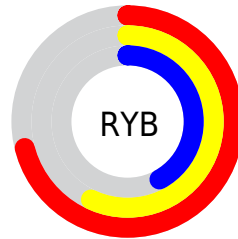
Distribution



Red (71%)

Green (52%)

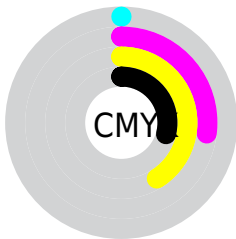
Blue (42%)



Red (71%)

Yellow (57%)

Blue (42%)

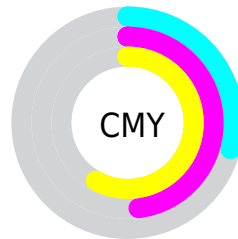


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3878, 0.3997, 0.3653 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 27.3878, 0.3997, 0.3653 by changing the saturation by 10% instead.


 27.3878, 0.3997,
0.3653


 27.3878, 0.3997,
0.3653


289.5299, 0.3521,
0.3471


 17.8647, 0.4130,
0.3696


 55.5055, 0.3814,
0.3588


 10.8529, 0.4308,
0.3748


 74.8690, 0.3748,
0.3563

 5.9680, 0.4559,
0.3810

 98.2813, 0.3694,
0.3542

 2.8256, 0.4934,
0.3874

 126.1268, 0.3648,
0.3524

 1.0414, 0.5866,
0.4134

158.7901, 0.3609,
0.3508

 0.0000, 1.0000,
0.0000

196.6554, 0.3576,

 0.0000, 0.0000,

0.3494

0.0000

240.1072, 0.3546,
0.3482

■ 27.3878, 0.3997,
0.3653

■ 27.3878, 0.3997,
0.3653

■ 23.9794, 0.4298,
0.3737

■ 31.2526, 0.3732,
0.3562

■ 21.0057, 0.4630,
0.3805

■ 35.5865, 0.3503,
0.3470

■ 18.4493, 0.4979,
0.3846


■ 40.4064, 0.3307,
0.3381


■ 16.2897, 0.5322,
0.3848

■ 45.7273, 0.3141,
0.3297


■ 14.5041, 0.5629,
0.3801

■ 51.5635, 0.3000,
0.3219

 13.1753, 0.5864,
0.3726

 57.9286, 0.2880,
0.3148

 64.8359, 0.2777,
0.3083

 72.2979, 0.2690,
0.3023

 79.3274, 0.2688,
0.3124

Harmonies

Analogous

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



27.3878, 0.3888, 0.3304



27.3878, 0.3997, 0.3653



27.3878, 0.3854, 0.3943

Triad

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



27.3878, 0.3997, 0.3653



27.3878, 0.2689, 0.3631



27.3878, 0.2709, 0.2595

Complementary

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



27.3878, 0.3997, 0.3653



30.2572, 0.2511, 0.2889

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.



27.3878, 0.2430, 0.2630



27.3878, 0.3997, 0.3653



27.3878, 0.2417, 0.3201

Square

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



27.3878, 0.3997, 0.3653



27.3878, 0.3089, 0.3968



27.3878, 0.2327, 0.2838



27.3878, 0.3117, 0.2720

Rectangle

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



27.3878, 0.3997, 0.3653



27.3878, 0.3645, 0.4055



27.3878, 0.2327, 0.2838



27.3878, 0.2598, 0.2588

Sweetspot

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



27.3891, 0.3997, 0.3653



71.1578, 0.3331, 0.3392



22.7570, 0.3468, 0.2600



15.1348, 0.3355, 0.3404



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.3891, 0.3997, 0.3653



43.5464, 0.4264, 0.3729



39.1515, 0.3790, 0.4140



8.9585, 0.3279, 0.3367



9.1959, 0.5842, 0.3744



0.3999, 0.5294, 0.4178

Inverse Universe

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



30.2572, 0.2511, 0.2889



49.3344, 0.2388, 0.2783



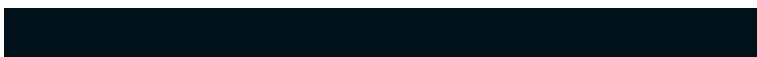
19.7398, 0.2413, 0.2263



9.1388, 0.2986, 0.3211



11.6781, 0.1935, 0.2164



0.4700, 0.2032, 0.2515

Previews

White Background



This preview shows how the Yxy color 27.3878, 0.3997, 0.3653 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 27.3878, 0.3997, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

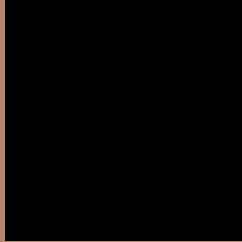
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3878, 0.3997, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 27.3878, 0.3997, 0.3653.



This preview shows how white text looks on a background with the Yxy color 27.3878, 0.3997, 0.3653.

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

27.3878, 0.3997, 0.3653

Protanopia

27.5871, 0.3557, 0.3791

Deuteranopia

27.3669, 0.3838, 0.3763



Tritanopia

27.4637, 0.3678, 0.3150

Trichromacy



Original Color

27.3878, 0.3997, 0.3653

Protanomaly

27.3776, 0.3713, 0.3743

Deuteranomaly

27.2528, 0.3896, 0.3726

Tritanomaly

27.3001, 0.3796, 0.3321

Monochromacy



Original Color

27.3878, 0.3997, 0.3653

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5630, 0.3410, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3878, 0.3997, 0.3653 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(181, 132, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 132, 107)  
}
```

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(181, 132, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 132, 107) }
```

Border

The CSS property to change the border of an element to Yxy 27.3878, 0.3997, 0.3653 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(181, 132, 107) }
```

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

```
.border{ border-color:rgb(181, 132, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 132, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 132, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 132, 107);  
box-shadow:4px 4px 4px 4px rgb(181, 132,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3878, 0.3997, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 132, 107) }
```

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

```
.background{ background-color: rgb(181,  
132, 107) }
```

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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