

Converting Colors

$Y_{xy}(27.6538, 0.4092, 0.3808)$

Have a look what the booklet for
Yxy(27.6538, 0.4092, 0.3808)
contains.

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Color

Yxy(27.7558, 0.4087, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	B58662
RGB	181, 134, 98
RGB Percent	71%, 53%, 38%
CMY	0.2901, 0.4745, 0.6157
CMYK	0.00, 0.26, 0.46, 0.29
HSL	26°, 36%, 55%
HSV	26°, 46%, 71%
XYZ	29.7894, 27.7558, 15.3430
YIQ	143.9490, 39.5680, -1.2320

Conversions

Conversions Part 2

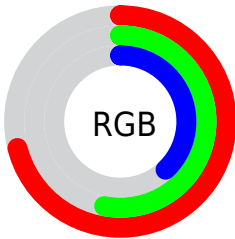
Format	Color
R_{YB}	181, 162, 98
Decimal	11896418
CIE _{Lab}	59.67, 13.48, 26.39
CIE _{LCh}	60, 29.631, 62.937
Yxy	27.7558, 0.4087, 0.3808
Android (android.graphics.Color)	4290086498 (0xFFB58662)
YUV	143.9490, -22.6529, 32.4937
Hunter-Lab	52.6838, 8.7340, 19.6118

Details

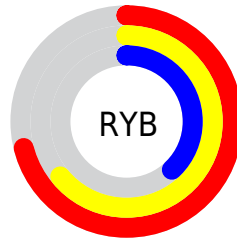
The Yxy color **27.7558, 0.4087, 0.3808** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1930, 0.2418, 0.2693**, and the grayscale version is **27.9504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0613, 0.3893, 0.3712**, and **11.0153, 0.4420, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **24.7547, 0.4371, 0.3909**, and if you desaturate by 10%, it is **31.1118, 0.3828, 0.3695**.

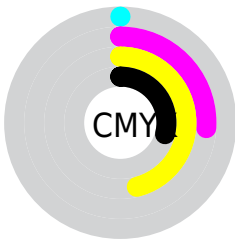
Distribution



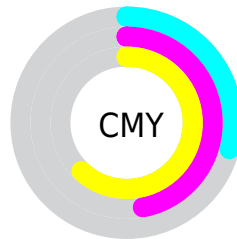
- Red (71%)
- Green (53%)
- Blue (38%)



- Red (71%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (29%)




- Cyan (29%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7558, 0.4087, 0.3808 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 27.7558, 0.4087, 0.3808 by changing the saturation by 10% instead.


 27.7558, 0.4087,
0.3808

 27.7558, 0.4087,
0.3808


291.2982, 0.3566,
0.3547


 18.1417, 0.4229,
0.3870


 56.0943, 0.3888,
0.3714

 11.0517, 0.4418,
0.3945


 75.5875, 0.3816,
0.3679

 6.1016, 0.4676,
0.4033

 99.1425, 0.3757,
0.3648

 2.9070, 0.5088,
0.4160

 127.1437, 0.3706,
0.3622

 1.0834, 0.5730,
0.4270

159.9754, 0.3663,
0.3600

 0.0000, 1.0000,
0.0000

198.0222, 0.3626,

 0.0000, 0.0000,

0.3580

0.0000

241.6683, 0.3594,
0.3562

■ 27.7558, 0.4087,
0.3808

■ 27.7558, 0.4087,
0.3808

■ 24.7547, 0.4371,
0.3909

■ 31.1118, 0.3828,
0.3695

■ 22.0913, 0.4672,
0.3987

■ 34.8309, 0.3597,
0.3578

■ 19.7530, 0.4974,
0.4030

■ 38.9260, 0.3395,
0.3462

■ 17.7243, 0.5259,
0.4025

■ 43.4082, 0.3219,
0.3352

■ 15.9875, 0.5503,
0.3968

■ 48.2879, 0.3067,
0.3248

■ 15.3439, 0.5598,
0.3937

■ 53.5752, 0.2936,
0.3152

■ 59.2798, 0.2823,
0.3063

■ 65.4112, 0.2726,
0.2983

■ 71.5909, 0.2671,
0.2970

Harmonies

Analogous

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



27.7558, 0.4060, 0.3427



27.7558, 0.4087, 0.3808



27.7558, 0.3840, 0.4097

Triad

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



27.7558, 0.4087, 0.3808



27.7558, 0.2514, 0.3519



27.7558, 0.2791, 0.2541

Complementary

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



27.7558, 0.4087, 0.3808



26.1930, 0.2418, 0.2693

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.



27.7558, 0.2425, 0.2516



27.7558, 0.4087, 0.3808



27.7558, 0.2275, 0.3036

Square

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



27.7558, 0.4087, 0.3808



27.7558, 0.2925, 0.3964



27.7558, 0.2245, 0.2681



27.7558, 0.3277, 0.2730

Rectangle

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



27.7558, 0.4087, 0.3808



27.7558, 0.3567, 0.4181



27.7558, 0.2245, 0.2681



27.7558, 0.2651, 0.2513

Sweetspot

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



27.7571, 0.4087, 0.3808



70.9565, 0.3364, 0.3444



20.6078, 0.3639, 0.2628



14.9815, 0.3404, 0.3468



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.



27.7571, 0.4087, 0.3808



44.2950, 0.4373, 0.3910



41.5575, 0.3826, 0.4334



9.0911, 0.3277, 0.3389



10.7080, 0.5577, 0.3954



0.4537, 0.5098, 0.4334

Inverse Universe

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



26.1930, 0.2418, 0.2693



41.1161, 0.2273, 0.2534



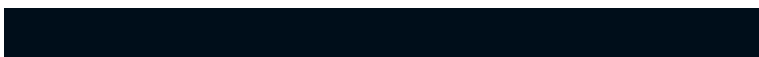
15.7416, 0.2290, 0.1972



9.0022, 0.2985, 0.3189



9.0622, 0.1841, 0.1827



0.3985, 0.1966, 0.2278

Previews

White Background



This preview shows how the Yxy color 27.7558, 0.4087, 0.3808 looks on a white background.

Color Contrast Check

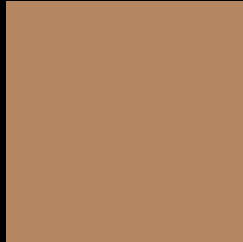
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7558, 0.4087, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

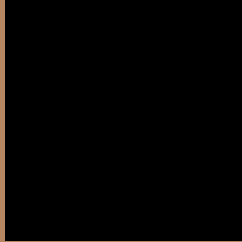
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7558, 0.4087, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 27.7558, 0.4087, 0.3808.



This preview shows how white text looks on a background with the Yxy color 27.7558, 0.4087, 0.3808.

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

27.7558, 0.4087, 0.3808

Protanopia

27.8744, 0.3680, 0.3962

Deuteranopia

27.8107, 0.3966, 0.3903



Tritanopia

27.8498, 0.3687, 0.3165

Trichromacy



Original Color

27.7558, 0.4087, 0.3808

Protanomaly

27.5883, 0.3817, 0.3895

Deuteranomaly

27.8683, 0.4007, 0.3880

Tritanomaly

27.8530, 0.3847, 0.3406

Monochromacy



Original Color

27.7558, 0.4087, 0.3808

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4566, 0.3453, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7558, 0.4087, 0.3808 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, 134, 98)` looks like.

```
.text, #text, p{  
    color:rgb(181, 134, 98)  
}
```

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, 134, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 134, 98) }
```

Border

The CSS property to change the border of an element to Yxy 27.7558, 0.4087, 0.3808 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, 134, 98) }
```

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

```
.border{ border-color:rgb(181, 134, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 134, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 134, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 134, 98);  
box-shadow:4px 4px 4px 4px rgb(181, 134,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7558, 0.4087, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 134, 98) }
```

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

```
.background{ background-color: rgb(181,  
134, 98) }
```

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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