

Converting Colors

$Y_{xy}(27.7489, 0.4236, 0.3722)$

Have a look what the booklet for
Yxy(27.7489, 0.4236, 0.3722)
contains.

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Color

Yxy(27.6587, 0.4238, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	BF8162
RGB	191, 129, 98
RGB Percent	75%, 51%, 38%
CMY	0.2509, 0.4941, 0.6157
CMYK	0.00, 0.32, 0.49, 0.25
HSL	20°, 42%, 57%
HSV	20°, 49%, 75%
XYZ	31.5440, 27.6587, 15.2287
YIQ	144.0040, 46.9030, 3.5030

Conversions

Conversions Part 2

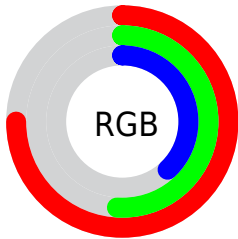
Format	Color
R_{YB}	191, 145, 98
Decimal	12550498
CIE _{Lab}	59.58, 20.40, 26.49
CIE _{LCh}	60, 33.439, 52.399
Yxy	27.6587, 0.4238, 0.3716
Android (android.graphics.Color)	4290740578 (0xFFBF8162)
YUV	144.0040, -22.6800, 41.2155
Hunter-Lab	52.5915, 15.0278, 19.6458

Details

The Yxy color **27.6587, 0.4238, 0.3716** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5050, 0.2402, 0.2801**, and the grayscale version is **27.9710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9498, 0.4011, 0.3645**, and **10.9819, 0.4629, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **24.1928, 0.4567, 0.3788**, and if you desaturate by 10%, it is **31.6317, 0.3941, 0.3631**.

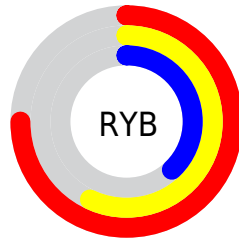
Distribution



Red (75%)

Green (51%)

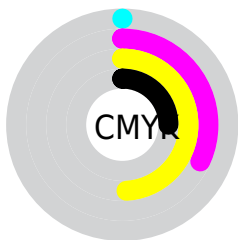
Blue (38%)



Red (75%)

Yellow (57%)

Blue (38%)

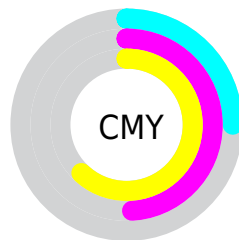


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6587, 0.4238, 0.3716 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 27.6587, 0.4238, 0.3716 by changing the saturation by 10% instead.


 27.6587, 0.4238,
0.3716


 27.6587, 0.4238,
0.3716


290.8324, 0.3633,
0.3512


 18.0685, 0.4404,
0.3759


 55.9391, 0.4007,
0.3646

 10.9992, 0.4623,
0.3807


 75.3981, 0.3923,
0.3619

 6.0663, 0.4925,
0.3853

 98.9155, 0.3854,
0.3595

 2.8854, 0.5404,
0.3908

 126.8757, 0.3796,
0.3574

 1.0722, 0.6127,
0.3873

159.6631, 0.3746,
0.3556

 0.0000, 1.0000,
0.0000

197.6621, 0.3703,

 0.0000, 0.0000,

0.3539

0.0000

241.2571, 0.3666,
0.3525

■ 27.6587, 0.4238,
0.3716

■ 27.6587, 0.4238,
0.3716

■ 24.1928, 0.4567,
0.3788

■ 31.6317, 0.3941,
0.3631

■ 21.2082, 0.4918,
0.3834

■ 36.1277, 0.3682,
0.3540

■ 18.6831, 0.5267,
0.3843


■ 41.1671, 0.3459,
0.3449


■ 16.5917, 0.5586,
0.3805


■ 46.7679, 0.3269,
0.3362


■ 14.9017, 0.5849,
0.3723


■ 52.9472, 0.3108,
0.3280

 14.7081, 0.5882,
0.3712

 59.7213, 0.2971,
0.3204

 67.1060, 0.2855,
0.3135

 75.1163, 0.2756,
0.3071

 82.7690, 0.2746,
0.3167

Harmonies

Analogous

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



27.6587, 0.4094, 0.3282



27.6587, 0.4238, 0.3716



27.6587, 0.4054, 0.4097

Triad

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



27.6587, 0.4238, 0.3716



27.6587, 0.2580, 0.3745



27.6587, 0.2583, 0.2422

Complementary

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



27.6587, 0.4238, 0.3716



31.5050, 0.2402, 0.2801

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.



27.6587, 0.2246, 0.2462



27.6587, 0.4238, 0.3716



27.6587, 0.2241, 0.3179

Square

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



27.6587, 0.4238, 0.3716



27.6587, 0.3083, 0.4184



27.6587, 0.2127, 0.2717



27.6587, 0.3092, 0.2573

Rectangle

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



27.6587, 0.4238, 0.3716



27.6587, 0.3788, 0.4260



27.6587, 0.2127, 0.2717



27.6587, 0.2448, 0.2413

Sweetspot

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



27.6601, 0.4238, 0.3716



77.0723, 0.3390, 0.3418



22.4055, 0.3540, 0.2453



16.4668, 0.3432, 0.3437



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.



27.6601, 0.4238, 0.3716



43.1949, 0.4575, 0.3789



42.2189, 0.3934, 0.4278



10.0420, 0.3280, 0.3367



9.7976, 0.5857, 0.3731



0.5065, 0.5383, 0.4108

Inverse Universe

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



31.5050, 0.2402, 0.2801



50.7669, 0.2272, 0.2677



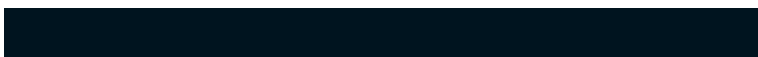
18.6305, 0.2261, 0.2047



10.2591, 0.2985, 0.3212



12.6583, 0.1938, 0.2176



0.6114, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 27.6587, 0.4238, 0.3716 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 27.6587, 0.4238, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

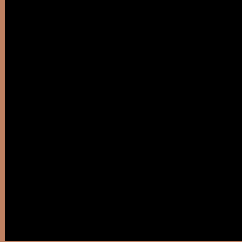
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6587, 0.4238, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 27.6587, 0.4238, 0.3716.



This preview shows how white text looks on a background with the Yxy color 27.6587, 0.4238, 0.3716.

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

27.6587, 0.4238, 0.3716

Protanopia

27.9146, 0.3660, 0.3931

Deuteranopia

27.7921, 0.3977, 0.3917



Tritanopia

27.6059, 0.3860, 0.3156

Trichromacy



Original Color

27.6587, 0.4238, 0.3716

Protanomaly

27.7494, 0.3859, 0.3855

Deuteranomaly

27.7747, 0.4068, 0.3841

Tritanomaly

27.6396, 0.4001, 0.3361

Monochromacy



Original Color

27.6587, 0.4238, 0.3716

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5746, 0.3502, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6587, 0.4238, 0.3716 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(191, 129, 98)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 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(191, 129, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 98) }
```

Border

The CSS property to change the border of an element to Yxy 27.6587, 0.4238, 0.3716 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(191, 129, 98) }
```

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

```
.border{ border-color:rgb(191, 129, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 129, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 98);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6587, 0.4238, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 98) }
```

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

```
.background{ background-color: rgb(191,  
129, 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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