

Converting Colors

$Y_{xy}(28.1543, 0.4042, 0.3741)$

Have a look what the booklet for
Yxy(28.1543, 0.4042, 0.3741)
contains.

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Color

Yxy(27.9746, 0.4042, 0.3736)

Conversions

Conversions Part 1

Format	Color
Hex	B68667
RGB	182, 134, 103
RGB Percent	71%, 53%, 40%
CMY	0.2863, 0.4745, 0.5960
CMYK	0.00, 0.26, 0.43, 0.29
HSL	24°, 35%, 56%
HSV	24°, 43%, 71%
XYZ	30.2659, 27.9746, 16.6380
YIQ	144.8180, 38.5590, 0.5350

Conversions

Conversions Part 2

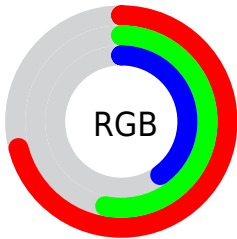
Format	Color
R_{YB}	182, 154, 103
Decimal	11961959
CIE _{Lab}	59.87, 14.43, 23.88
CIE _{LCh}	60, 27.899, 58.860
Yxy	27.9746, 0.4042, 0.3736
Android (android.graphics.Color)	4290152039 (0xFFB68667)
YUV	144.8180, -20.6163, 32.6086
Hunter-Lab	52.8910, 9.5839, 18.3728

Details

The Yxy color **27.9746, 0.4042, 0.3736** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3981, 0.2463, 0.2786**, and the grayscale version is **28.3122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3990, 0.3860, 0.3656**, and **11.1382, 0.4357, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **24.7502, 0.4334, 0.3831**, and if you desaturate by 10%, it is **31.6010, 0.3780, 0.3632**.

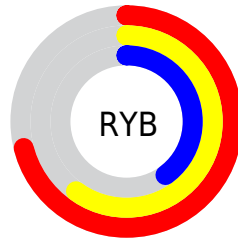
Distribution



Red (71%)

Green (53%)

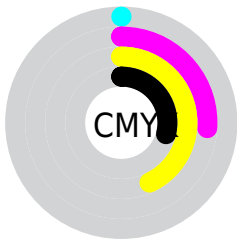
Blue (40%)



Red (71%)

Yellow (60%)

Blue (40%)

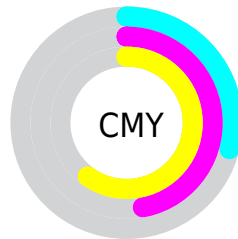


Cyan (0%)

Magenta (26%)

Yellow (43%)

Black (29%)



Cyan (29%)

Magenta (47%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9746, 0.4042, 0.3736 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 27.9746, 0.4042, 0.3736 by changing the saturation by 10% instead.


 27.9746, 0.4042,
0.3736


 27.9746, 0.4042,
0.3736


292.3455, 0.3544,
0.3512


 18.3065, 0.4179,
0.3789


 56.4439, 0.3852,
0.3656


 11.1703, 0.4361,
0.3854


 76.0139, 0.3783,
0.3625

 6.1815, 0.4614,
0.3930

 99.6533, 0.3726,
0.3599

 2.9557, 0.4994,
0.4020

 127.7465, 0.3678,
0.3577

 1.1087, 0.5779,
0.4221

160.6780, 0.3637,
0.3557

 0.0000, 1.0000,
0.0000

198.8320, 0.3602,

 0.0000, 0.0000,

0.3540

0.0000

242.5931, 0.3571,
0.3525

■ 27.9746, 0.4042,
0.3736

■ 27.9746, 0.4042,
0.3736

■ 24.7502, 0.4334,
0.3831

■ 31.6010, 0.3780,
0.3632

■ 21.9088, 0.4649,
0.3906

■ 35.6394, 0.3550,
0.3525

■ 19.4356, 0.4973,
0.3950


■ 40.1046, 0.3351,
0.3421


■ 17.3131, 0.5284,
0.3949


■ 45.0093, 0.3180,
0.3322

■ 15.5217, 0.5557,
0.3897


■ 50.3655, 0.3033,
0.3230

 14.5045, 0.5716,
0.3843

 56.1850, 0.2907,
0.3145

 62.4789, 0.2799,
0.3067

 69.2581, 0.2707,
0.2995

 75.7486, 0.2686,
0.3053

Harmonies

Analogous

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



27.9746, 0.3978, 0.3372



27.9746, 0.4042, 0.3736



27.9746, 0.3843, 0.4023

Triad

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



27.9746, 0.4042, 0.3736



27.9746, 0.2596, 0.3568



27.9746, 0.2756, 0.2569

Complementary

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



27.9746, 0.4042, 0.3736



28.3981, 0.2463, 0.2786

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.



27.9746, 0.2431, 0.2571



27.9746, 0.4042, 0.3736



27.9746, 0.2343, 0.3112

Square

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



27.9746, 0.4042, 0.3736



27.9746, 0.3000, 0.3962



27.9746, 0.2286, 0.2754



27.9746, 0.3204, 0.2729

Rectangle

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



27.9746, 0.4042, 0.3736



27.9746, 0.3600, 0.4119



27.9746, 0.2286, 0.2754



27.9746, 0.2630, 0.2550

Sweetspot

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



27.9759, 0.4042, 0.3736



72.8613, 0.3348, 0.3419



21.9056, 0.3549, 0.2610



15.6824, 0.3389, 0.3442



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.



27.9759, 0.4042, 0.3736



45.1583, 0.4318, 0.3826



40.7313, 0.3812, 0.4237



9.5748, 0.3278, 0.3380



10.3638, 0.5696, 0.3860



0.4871, 0.5220, 0.4237

Inverse Universe

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



28.3981, 0.2463, 0.2786



45.9839, 0.2329, 0.2653



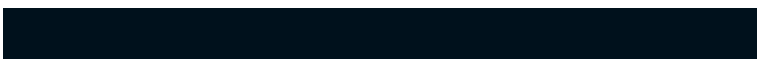
17.8994, 0.2352, 0.2120



9.6030, 0.2985, 0.3198



10.4832, 0.1880, 0.1969



0.4864, 0.1986, 0.2348

Previews

White Background



This preview shows how the Yxy color 27.9746, 0.4042, 0.3736 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 27.9746, 0.4042, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

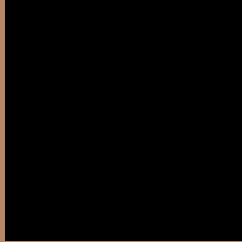
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9746, 0.4042, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 27.9746, 0.4042, 0.3736.



This preview shows how white text looks on a background with the Yxy color 27.9746, 0.4042, 0.3736.

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

27.9746, 0.4042, 0.3736

Protanopia

27.9978, 0.3618, 0.3867

Deuteranopia

27.9069, 0.3912, 0.3830



Tritanopia

27.8789, 0.3675, 0.3151

Trichromacy



Original Color

27.9746, 0.4042, 0.3736

Protanomaly

27.7961, 0.3775, 0.3816

Deuteranomaly

28.0807, 0.3964, 0.3806

Tritanomaly

27.9293, 0.3811, 0.3363

Monochromacy



Original Color

27.9746, 0.4042, 0.3736

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9306, 0.3429, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9746, 0.4042, 0.3736 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(182, 134, 103)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 103)  
}
```

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(182, 134, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.9746, 0.4042, 0.3736 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(182, 134, 103) }
```

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

```
.border{ border-color:rgb(182, 134, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 103);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9746, 0.4042, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 103) }
```

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

```
.background{ background-color: rgb(182,  
134, 103) }
```

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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