

Converting Colors

$Y_{xy}(27.5987, 0.4007, 0.3664)$

Have a look what the booklet for
Yxy(27.5987, 0.4007, 0.3664)
contains.

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Color

Yxy(27.5091, 0.4008, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	B6846B
RGB	182, 132, 107
RGB Percent	71%, 52%, 42%
CMY	0.2864, 0.4823, 0.5804
CMYK	0.00, 0.27, 0.41, 0.29
HSL	20°, 34%, 57%
HSV	20°, 41%, 71%
XYZ	30.1907, 27.5091, 17.6263
YIQ	144.1000, 37.8250, 2.8250

Conversions

Conversions Part 2

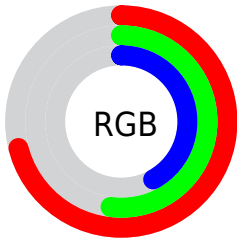
Format	Color
R _Y B	182, 145, 107
Decimal	11961451
CIE Lab	59.44, 15.97, 21.07
CIE LCh	59, 26.439, 52.845
Yxy	27.5091, 0.4008, 0.3652
Android (android.graphics.Color)	4290151531 (0xFFB6846B)
YUV	144.1000, -18.2903, 33.2383
Hunter-Lab	52.4491, 10.9620, 16.7891

Details

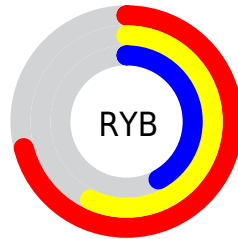
The Yxy color **27.5091, 0.4008, 0.3652** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5962, 0.2507, 0.2889**, and the grayscale version is **27.9960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5518, 0.3816, 0.3580**, and **10.8624, 0.4332, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **24.0671, 0.4312, 0.3735**, and if you desaturate by 10%, it is **31.4164, 0.3741, 0.3562**.

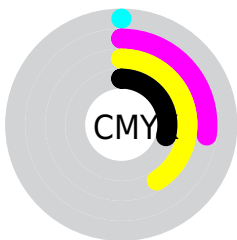
Distribution



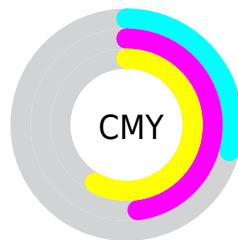
- Red (71%)
- Green (52%)
- Blue (42%)



- 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 27.5091, 0.4008, 0.3652 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 27.5091, 0.4008, 0.3652 by changing the saturation by 10% instead.


 27.5091, 0.4008,
0.3652


 27.5091, 0.4008,
0.3652


290.1137, 0.3526,
0.3471


 17.9559, 0.4142,
0.3694


 55.6997, 0.3823,
0.3588


 10.9184, 0.4322,
0.3746


 75.1060, 0.3756,
0.3563

 6.0120, 0.4576,
0.3805

 98.5654, 0.3701,
0.3542

 2.8524, 0.4953,
0.3867

 126.4624, 0.3655,
0.3524

 1.0551, 0.5883,
0.4117

159.1813, 0.3616,
0.3508

 0.0000, 1.0000,
0.0000

197.1066, 0.3582,

 0.0000, 0.0000,

0.3494

0.0000

240.6226, 0.3552,
0.3482

■ 27.5091, 0.4008,
0.3652

■ 27.5091, 0.4008,
0.3652

■ 24.0671, 0.4312,
0.3735

■ 31.4164, 0.3741,
0.3562

■ 21.0684, 0.4646,
0.3802

■ 35.8023, 0.3510,
0.3471

■ 18.4949, 0.4997,
0.3841


■ 40.6840, 0.3313,
0.3383


■ 16.3255, 0.5341,
0.3840

■ 46.0770, 0.3145,
0.3300


■ 14.5368, 0.5647,
0.3791

■ 51.9959, 0.3004,
0.3222

 13.2510, 0.5874,
0.3718

 58.4548, 0.2883,
0.3152

 65.4671, 0.2780,
0.3087

 73.0460, 0.2693,
0.3028

 80.1466, 0.2695,
0.3138

Harmonies

Analogous

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



27.5091, 0.3894, 0.3299



27.5091, 0.4008, 0.3652



27.5091, 0.3867, 0.3947

Triad

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



27.5091, 0.4008, 0.3652



27.5091, 0.2689, 0.3641



27.5091, 0.2699, 0.2587

Complementary

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



27.5091, 0.4008, 0.3652



30.5962, 0.2507, 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.



27.5091, 0.2419, 0.2624



27.5091, 0.4008, 0.3652



27.5091, 0.2412, 0.3205

Square

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



27.5091, 0.4008, 0.3652



27.5091, 0.3094, 0.3980



27.5091, 0.2318, 0.2836



27.5091, 0.3111, 0.2711

Rectangle

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



27.5091, 0.4008, 0.3652



27.5091, 0.3656, 0.4063



27.5091, 0.2318, 0.2836



27.5091, 0.2588, 0.2580

Sweetspot

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



27.5104, 0.4008, 0.3652



72.8604, 0.3331, 0.3391



22.8888, 0.3472, 0.2595



15.8304, 0.3355, 0.3403



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.



27.5104, 0.4008, 0.3652



44.4589, 0.4268, 0.3724



39.5549, 0.3796, 0.4146



9.4890, 0.3280, 0.3367



9.4720, 0.5854, 0.3734



0.4508, 0.5343, 0.4140

Inverse Universe

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



30.5962, 0.2507, 0.2889



50.7385, 0.2389, 0.2789



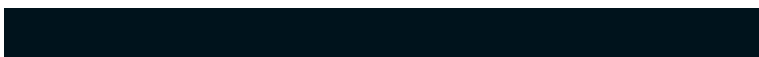
19.8119, 0.2407, 0.2253



9.6918, 0.2985, 0.3212



12.2113, 0.1938, 0.2176



0.5393, 0.2027, 0.2497

Previews

White Background



This preview shows how the Yxy color 27.5091, 0.4008, 0.3652 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 27.5091, 0.4008, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

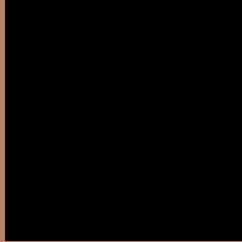
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5091, 0.4008, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 27.5091, 0.4008, 0.3652.



This preview shows how white text looks on a background with the Yxy color 27.5091, 0.4008, 0.3652.

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

27.5091, 0.4008, 0.3652

Protanopia

27.5871, 0.3557, 0.3791

Deuteranopia

27.4780, 0.3850, 0.3761



Tritanopia

27.5876, 0.3690, 0.3150

Trichromacy



Original Color

27.5091, 0.4008, 0.3652

Protanomaly

27.4835, 0.3724, 0.3742

Deuteranomaly

27.3672, 0.3908, 0.3724

Tritanomaly

27.4232, 0.3808, 0.3321

Monochromacy



Original Color

27.5091, 0.4008, 0.3652

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6640, 0.3421, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5091, 0.4008, 0.3652 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, 132, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 132, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 107) }
```

Border

The CSS property to change the border of an element to Yxy 27.5091, 0.4008, 0.3652 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, 132, 107) }
```

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

```
.border{ border-color:rgb(182, 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(182, 132, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5091, 0.4008, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 132, 107) }
```

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

```
.background{ background-color: rgb(182,  
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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