

Converting Colors

$Y_{xy}(27.3439, 0.3984, 0.3745)$

Have a look what the booklet for
Yxy(27.3439, 0.3984, 0.3745)
contains.

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Color

Yxy(27.3766, 0.3983, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	B18667
RGB	177, 134, 103
RGB Percent	69%, 53%, 40%
CMY	0.3060, 0.4745, 0.5960
CMYK	0.00, 0.24, 0.42, 0.31
HSL	25°, 32%, 55%
HSV	25°, 42%, 69%
XYZ	29.1009, 27.3766, 16.5852
YIQ	143.3230, 35.5790, -0.5250

Conversions

Conversions Part 2

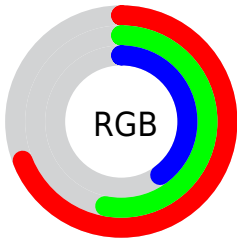
Format	Color
R_{YB}	177, 156, 103
Decimal	11634279
CIE _{Lab}	59.32, 12.34, 23.05
CIE _{LCh}	59, 26.146, 61.848
Yxy	27.3766, 0.3983, 0.3747
Android (android.graphics.Color)	4289824359 (0xFFB18667)
YUV	143.3230, -19.8792, 29.5347
Hunter-Lab	52.3227, 7.7137, 17.8321

Details

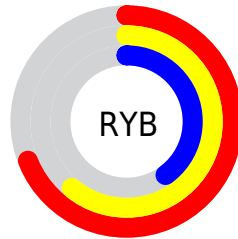
The Yxy color **27.3766, 0.3983, 0.3747** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.6066, 0.2483, 0.2775**, and the grayscale version is **27.6749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3662, 0.3807, 0.3664**, and **10.7637, 0.4274, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **24.3541, 0.4261, 0.3851**, and if you desaturate by 10%, it is **30.7532, 0.3733, 0.3635**.

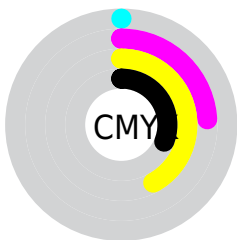
Distribution



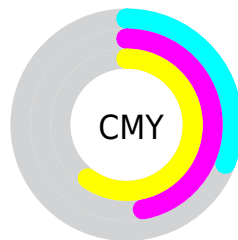
- Red (69%)
- Green (53%)
- Blue (40%)



- Red (69%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3766, 0.3983, 0.3747 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 27.3766, 0.3983, 0.3747 by changing the saturation by 10% instead.


 27.3766, 0.3983,
0.3747


 27.3766, 0.3983,
0.3747


289.4760, 0.3516,
0.3514


 17.8563, 0.4112,
0.3804


 55.4876, 0.3804,
0.3662


 10.8468, 0.4285,
0.3875


 74.8471, 0.3739,
0.3630

 5.9639, 0.4526,
0.3963

 98.2550, 0.3686,
0.3603

 2.8232, 0.4891,
0.4074

 126.0958, 0.3641,
0.3580

 1.0401, 0.5672,
0.4328

158.7540, 0.3603,
0.3560

 0.0000, 1.0000,
0.0000

196.6137, 0.3570,

 0.0000, 0.0000,

0.3543

0.0000

240.0596, 0.3541,
0.3527

■ 27.3766, 0.3983,
0.3747

■ 27.3766, 0.3983,
0.3747

■ 24.3541, 0.4261,
0.3851

■ 30.7532, 0.3733,
0.3635

■ 21.6691, 0.4562,
0.3936

■ 34.4918, 0.3512,
0.3522

■ 19.3095, 0.4872,
0.3992


■ 38.6050, 0.3320,
0.3412


■ 17.2604, 0.5174,
0.4005

■ 43.1036, 0.3154,
0.3308


■ 15.5056, 0.5443,
0.3967

■ 47.9978, 0.3012,
0.3211

 14.2660, 0.5637,
0.3906

 53.2975, 0.2889,
0.3121

 59.0122, 0.2783,
0.3039

 65.1510, 0.2691,
0.2964

 71.2443, 0.2649,
0.2971

Harmonies

Analogous

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



27.3766, 0.3947, 0.3405



27.3766, 0.3983, 0.3747



27.3766, 0.3775, 0.4003

Triad

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



27.3766, 0.3983, 0.3747



27.3766, 0.2594, 0.3510



27.3766, 0.2815, 0.2614

Complementary

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



27.3766, 0.3983, 0.3747



26.6066, 0.2483, 0.2775

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.



27.3766, 0.2491, 0.2601



27.3766, 0.3983, 0.3747



27.3766, 0.2370, 0.3084

Square

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



27.3766, 0.3983, 0.3747



27.3766, 0.2966, 0.3892



27.3766, 0.2335, 0.2759



27.3766, 0.3246, 0.2780

Rectangle

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



27.3766, 0.3983, 0.3747



27.3766, 0.3537, 0.4077



27.3766, 0.2335, 0.2759



27.3766, 0.2691, 0.2591

Sweetspot

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



27.3779, 0.3983, 0.3747



68.0673, 0.3346, 0.3428



21.1272, 0.3560, 0.2669



14.3976, 0.3386, 0.3451



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.3779, 0.3983, 0.3747



44.1135, 0.4234, 0.3842



39.3781, 0.3772, 0.4231



9.0712, 0.3277, 0.3386



10.4541, 0.5618, 0.3921



0.4453, 0.5126, 0.4312

Inverse Universe

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



26.6066, 0.2483, 0.2775



42.5238, 0.2350, 0.2640



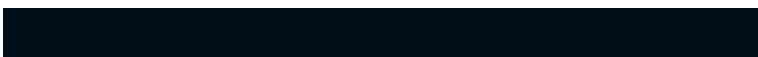
17.0324, 0.2379, 0.2131



9.0226, 0.2986, 0.3192



9.4226, 0.1855, 0.1877



0.4087, 0.1976, 0.2314

Previews

White Background



This preview shows how the Yxy color 27.3766, 0.3983, 0.3747 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 27.3766, 0.3983, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

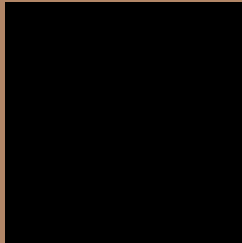
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3766, 0.3983, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 27.3766, 0.3983, 0.3747.



This preview shows how white text looks on a background with the Yxy color 27.3766, 0.3983, 0.3747.

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

27.3766, 0.3983, 0.3747

Protanopia

27.4788, 0.3610, 0.3873

Deuteranopia

27.3967, 0.3894, 0.3821



Tritanopia

27.2679, 0.3616, 0.3147

Trichromacy



Original Color

27.3766, 0.3983, 0.3747

Protanomaly

27.4782, 0.3740, 0.3823

Deuteranomaly

27.4519, 0.3935, 0.3799

Tritanomaly

27.3227, 0.3753, 0.3365

Monochromacy



Original Color

27.3766, 0.3983, 0.3747

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2832, 0.3419, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3766, 0.3983, 0.3747 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(177, 134, 103)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 134, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 134, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.3766, 0.3983, 0.3747 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(177, 134, 103) }
```

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

```
.border{ border-color:rgb(177, 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(177, 134, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 134, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 134, 103);  
box-shadow:4px 4px 4px 4px rgb(177, 134,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3766, 0.3983, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 134, 103) }
```

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

```
.background{ background-color: rgb(177,  
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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