

Converting Colors

$Y_{xy}(33.0576, 0.3781, 0.3581)$

Have a look what the booklet for
Yxy(33.0576, 0.3781, 0.3581)
contains.

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Color

Yxy(33.0652, 0.3786, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	BC937E
RGB	188, 147, 126
RGB Percent	74%, 58%, 49%
CMY	0.2627, 0.4235, 0.5059
CMYK	0.00, 0.22, 0.33, 0.26
HSL	20°, 32%, 62%
HSV	20°, 33%, 74%
XYZ	34.9386, 33.0652, 24.2798
YIQ	156.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

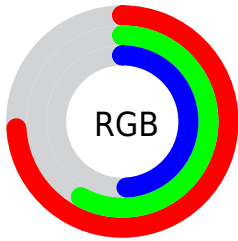
Format	Color
RYB	188, 158, 126
Decimal	12358526
CIELab	64.21, 12.42, 17.02
CIELCh	64, 21.071, 53.870
Yxy	33.0652, 0.3786, 0.3583
Android (android.graphics.Color)	4290548606 (0xFFBC937E)
YUV	156.8650, -15.2164, 27.3054
Hunter-Lab	57.5023, 7.8279, 15.2170

Details

The Yxy color **33.0652, 0.3786, 0.3583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7027, 0.2625, 0.2975**, and the grayscale version is **33.7131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4404, 0.3650, 0.3527**, and **13.8881, 0.4000, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **28.9664, 0.4060, 0.3674**, and if you desaturate by 10%, it is **37.6761, 0.3549, 0.3490**.

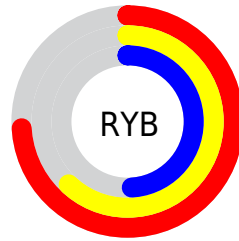
Distribution



Red (74%)

Green (58%)

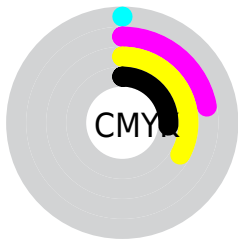
Blue (49%)



Red (74%)

Yellow (62%)

Blue (49%)

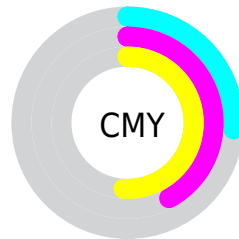


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0652, 0.3786, 0.3583 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 33.0652, 0.3786, 0.3583 by changing the saturation by 10% instead.


 33.0652, 0.3786,
0.3583

 33.0652, 0.3786,
0.3583


315.9434, 0.3435,
0.3437

 22.1764, 0.3881,
0.3619


 64.4773, 0.3653,
0.3530

 13.9866, 0.4006,
0.3663


 85.7694, 0.3605,
0.3510

 8.1113, 0.4180,
0.3720


 111.2981, 0.3565,
0.3493

 4.1663, 0.4435,
0.3791

141.4477, 0.3531,
0.3479

 1.7670, 0.4908,
0.3928

176.6026, 0.3502,
0.3466

 0.4665, 0.6155,
0.3845

217.1473, 0.3477,

 0.0000, 0.0000,

0.3455


0.0000

263.4661, 0.3455,
0.3445


 33.0652, 0.3786,
0.3583


 33.0652, 0.3786,
0.3583


 28.9664, 0.4060,
0.3674


 37.6761, 0.3549,
0.3490


 25.3568, 0.4369,
0.3756


 42.8118, 0.3346,
0.3400


 22.2183, 0.4706,
0.3820


 48.4903, 0.3173,
0.3314

 19.5300, 0.5057,
0.3853


 54.7275, 0.3027,
0.3235


 17.2690, 0.5394,
0.3844

 61.5383, 0.2903,
0.3162


 15.4100, 0.5689,
0.3785

 68.9372, 0.2797,
0.3095

 14.3231, 0.5865,
0.3725

 76.7696, 0.2720,
0.3061

 84.0989, 0.2733,
0.3197

 89.4313, 0.2742,
0.3289

Harmonies

Analogous

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



33.0652, 0.3706, 0.3313



33.0652, 0.3786, 0.3583



33.0652, 0.3679, 0.3796

Triad

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



33.0652, 0.3786, 0.3583



33.0652, 0.2790, 0.3540



33.0652, 0.2815, 0.2753

Complementary

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



33.0652, 0.3786, 0.3583



35.7027, 0.2625, 0.2975

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.



33.0652, 0.2593, 0.2782



33.0652, 0.3786, 0.3583



33.0652, 0.2579, 0.3223

Square

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



33.0652, 0.3786, 0.3583



33.0652, 0.3097, 0.3791



33.0652, 0.2509, 0.2946



33.0652, 0.3130, 0.2851

Rectangle

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



33.0652, 0.3786, 0.3583



33.0652, 0.3521, 0.3871



33.0652, 0.2509, 0.2946



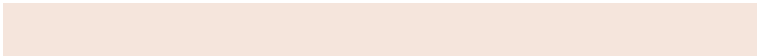
33.0652, 0.2728, 0.2747

Sweetspot

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



33.0667, 0.3786, 0.3583



80.3856, 0.3294, 0.3375



28.4159, 0.3386, 0.2733



16.9842, 0.3320, 0.3388



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.0667, 0.3786, 0.3583



54.1431, 0.3993, 0.3653



43.9059, 0.3657, 0.3979



10.0505, 0.3280, 0.3368



9.8768, 0.5843, 0.3743



0.5102, 0.5371, 0.4117

Inverse Universe

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



35.7027, 0.2625, 0.2975



59.6731, 0.2513, 0.2888



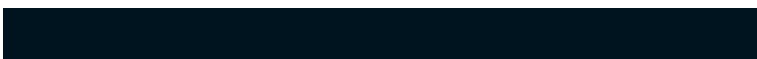
25.7695, 0.2565, 0.2491



10.2502, 0.2985, 0.3210



12.4817, 0.1932, 0.2157



0.6054, 0.2017, 0.2460

Previews

White Background



This preview shows how the Yxy color 33.0652, 0.3786, 0.3583 looks on a white background.

Color Contrast Check

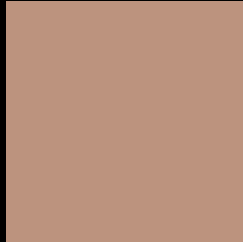
Large Text (above 18pt) WCAG AA × Fail

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 33.0652, 0.3786, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

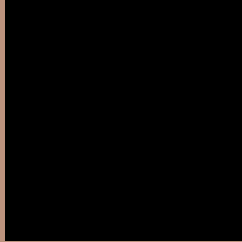
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0652, 0.3786, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 33.0652, 0.3786, 0.3583.



This preview shows how white text looks on a background with the Yxy color 33.0652, 0.3786, 0.3583.

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

33.0652, 0.3786, 0.3583

Protanopia

33.3880, 0.3465, 0.3680

Deuteranopia

33.1171, 0.3707, 0.3647



Tritanopia

33.0544, 0.3531, 0.3142

Trichromacy



Original Color

33.0652, 0.3786, 0.3583

Protanomaly

33.2517, 0.3569, 0.3642

Deuteranomaly

33.1659, 0.3744, 0.3629

Tritanomaly

32.9073, 0.3625, 0.3291

Monochromacy



Original Color

33.0652, 0.3786, 0.3583

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1826, 0.3347, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0652, 0.3786, 0.3583 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(188, 147, 126)` looks like.

```
.text, #text, p{  
    color:rgb(188, 147, 126)  
}
```

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(188, 147, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 147, 126) }
```

Border

The CSS property to change the border of an element to Yxy 33.0652, 0.3786, 0.3583 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(188, 147, 126) }
```

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

```
.border{ border-color:rgb(188, 147, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 147, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 147, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 147, 126);  
box-shadow:4px 4px 4px 4px rgb(188, 147,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0652, 0.3786, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 147, 126) }
```

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

```
.background{ background-color: rgb(188,  
147, 126) }
```

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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