

Converting Colors

Yxy(33.0609, 0.4121, 0.3564)

Have a look what the booklet for
Yxy(33.0609, 0.4121, 0.3564)
contains.

Yxy(33.0386, 0.4121, 0.3561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.0386, 0.4121, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	CF8B76
RGB	207, 139, 118
RGB Percent	81%, 55%, 46%
CMY	0.1883, 0.4549, 0.5372
CMYK	0.00, 0.33, 0.43, 0.19
HSL	14°, 48%, 64%
HSV	14°, 43%, 81%
XYZ	38.2342, 33.0386, 21.5062
YIQ	156.9380, 47.2690, 7.8850

Conversions

Conversions Part 2

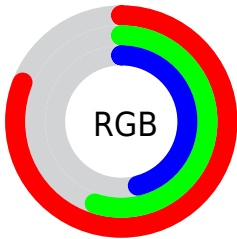
Format	Color
R_{YB}	207, 145, 118
Decimal	13601654
CIE _{Lab}	64.19, 23.44, 21.79
CIE _{LCh}	64, 32.004, 42.906
Yxy	33.0386, 0.4121, 0.3561
Android (android.graphics.Color)	4291791734 (0xFFCF8B76)
YUV	156.9380, -19.1964, 43.9044
Hunter-Lab	57.4792, 18.1466, 18.0518

Details

The Yxy color **33.0386, 0.4121, 0.3561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4765, 0.2498, 0.2993**, and the grayscale version is **33.7609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3022, 0.3831, 0.3533**, and **13.8931, 0.4459, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **28.3469, 0.4467, 0.3617**, and if you desaturate by 10%, it is **38.5042, 0.3820, 0.3497**.

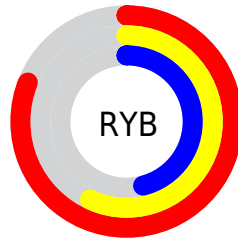
Distribution



Red (81%)

Green (55%)

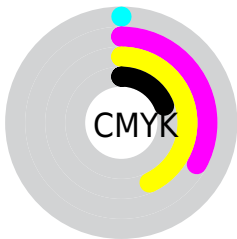
Blue (46%)



Red (81%)

Yellow (57%)

Blue (46%)

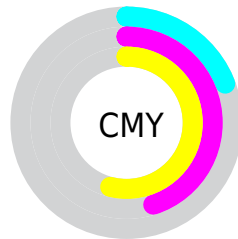


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (19%)



Cyan (19%)


Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0386, 0.4121, 0.3561 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 33.0386, 0.4121, 0.3561 by changing the saturation by 10% instead.


 33.0386, 0.4121,
0.3561


 33.0386, 0.4121,
0.3561


315.8236, 0.3591,
0.3438

 22.1560, 0.4263,
0.3585


 64.4358, 0.3921,
0.3521

 13.9716, 0.4449,
0.3611


 85.7192, 0.3848,
0.3504

 8.1009, 0.4706,
0.3636

 111.2383, 0.3788,
0.3490

 4.1596, 0.5073,
0.3647

141.3775, 0.3736,
0.3477

 1.7632, 0.5854,
0.3747

176.5213, 0.3692,
0.3466

 0.4641, 0.6884,
0.3116


217.0540, 0.3654,

 0.0000, 0.0000,


0.3455

0.0000

263.3600, 0.3621,
0.3446

 33.0386, 0.4121,
0.3561


 33.0386, 0.4121,
0.3561


 28.3469, 0.4467,
0.3617


 38.5042, 0.3820,
0.3497


 24.3887, 0.4851,
0.3657


 44.7720, 0.3565,
0.3432

 21.1273, 0.5251,
0.3670

 51.8746, 0.3352,
0.3368

 18.5206, 0.5631,
0.3646


 59.8415, 0.3174,
0.3307

 16.5217, 0.5946,
0.3582

 68.7008, 0.3026,
0.3251

 15.4471, 0.6119,
0.3524

 78.4792, 0.2903,
0.3200

 88.6820, 0.2840,
0.3234

 92.0045, 0.2844,
0.3289

Harmonies

Analogous

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



33.0386, 0.3898, 0.3164



33.0386, 0.4121, 0.3561



33.0386, 0.4049, 0.3930

Triad

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



33.0386, 0.4121, 0.3561



33.0386, 0.2767, 0.3844



33.0386, 0.2517, 0.2490

Complementary

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



33.0386, 0.4121, 0.3561



43.4765, 0.2498, 0.2993

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.



33.0386, 0.2268, 0.2592



33.0386, 0.4121, 0.3561



33.0386, 0.2400, 0.3353

Square

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



33.0386, 0.4121, 0.3561



33.0386, 0.3250, 0.4157



33.0386, 0.2226, 0.2891



33.0386, 0.2940, 0.2575

Rectangle

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



33.0386, 0.4121, 0.3561



33.0386, 0.3853, 0.4112



33.0386, 0.2226, 0.2891



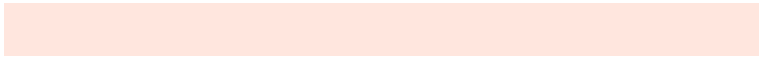
33.0386, 0.2412, 0.2503

Sweetspot

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



33.0402, 0.4121, 0.3561



82.9363, 0.3355, 0.3369



29.7803, 0.3395, 0.2460



17.1832, 0.3400, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



33.0402, 0.4121, 0.3561



45.6814, 0.4454, 0.3615



48.5500, 0.3877, 0.4092



12.2545, 0.3285, 0.3346



9.8555, 0.6096, 0.3542



0.6763, 0.5730, 0.3833

Inverse Universe

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



43.4765, 0.2498, 0.2993



64.5468, 0.2379, 0.2913



27.6272, 0.2387, 0.2324



12.9146, 0.2983, 0.3234



18.4327, 0.2032, 0.2515



1.1478, 0.2076, 0.2674

Previews

White Background



This preview shows how the Yxy color 33.0386, 0.4121, 0.3561 looks on a white background.

Color Contrast Check

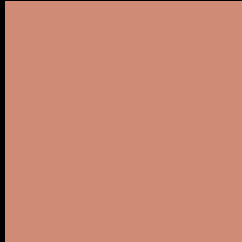
Large Text (above 18pt) WCAG AA × Fail

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 33.0386, 0.4121, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

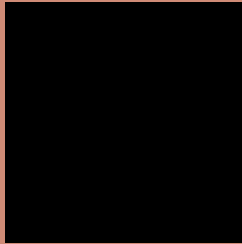
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0386, 0.4121, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 33.0386, 0.4121, 0.3561.



This preview shows how white text looks on a background with the Yxy color 33.0386, 0.4121, 0.3561.

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

33.0386, 0.4121, 0.3561

Protanopia

33.2826, 0.3503, 0.3741

Deuteranopia

33.2640, 0.3833, 0.3769



Tritanopia

32.9276, 0.3852, 0.3165

Trichromacy



Original Color

33.0386, 0.4121, 0.3561

Protanomaly

32.9461, 0.3717, 0.3677

Deuteranomaly

33.0486, 0.3930, 0.3687

Tritanomaly

32.7675, 0.3953, 0.3305

Monochromacy



Original Color

33.0386, 0.4121, 0.3561

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.9098, 0.3457, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0386, 0.4121, 0.3561 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(207, 139, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 139, 118)  
}
```

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(207, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 139, 118) }
```

Border

The CSS property to change the border of an element to Yxy 33.0386, 0.4121, 0.3561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

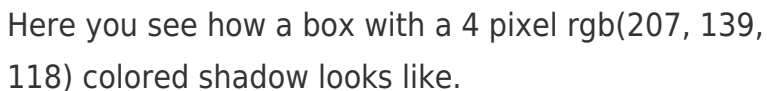
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 139, 118) }
```

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

```
.border{ border-color:rgb(207, 139, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 139, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 139, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 139, 118);  
box-shadow:4px 4px 4px 4px rgb(207, 139,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0386, 0.4121, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 139, 118) }
```

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

```
.background{ background-color: rgb(207,  
139, 118) }
```

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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