

Converting Colors

$Yxy(34.2389, 0.3758, 0.3636)$

Have a look what the booklet for
Yxy(34.2389, 0.3758, 0.3636)
contains.

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Color

Yxy(34.2044, 0.3758, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	BB977E
RGB	187, 151, 126
RGB Percent	73%, 59%, 49%
CMY	0.2665, 0.4079, 0.5058
CMYK	0.00, 0.19, 0.33, 0.27
HSL	25°, 31%, 61%
HSV	25°, 33%, 73%
XYZ	35.3326, 34.2044, 24.4828
YIQ	158.9140, 29.4810, -0.1430

Conversions

Conversions Part 2

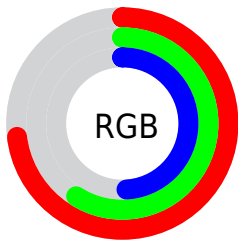
Format	Color
RYB	187, 168, 126
Decimal	12294014
CIELab	65.12, 9.84, 18.25
CIElCh	65, 20.735, 61.671
Yxy	34.2044, 0.3758, 0.3638
Android (android.graphics.Color)	4290484094 (0xFFBB977E)
YUV	158.9140, -16.2266, 24.6314
Hunter-Lab	58.4845, 5.4904, 16.1192

Details

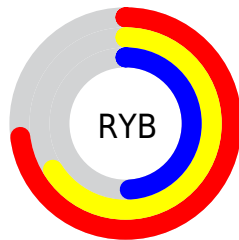
The Yxy color $34.2044, 0.3758, 0.3638$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $33.8862, 0.2622, 0.2912$, and the grayscale version is $34.6974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.1504, 0.3631, 0.3570$, and $14.6367, 0.3969, 0.3731$ is the 20% darker color. If you saturate the color by 10%, you get $30.3767, 0.4014, 0.3747$, and if you desaturate by 10%, it is $38.4588, 0.3532, 0.3527$.

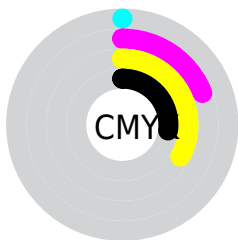
Distribution



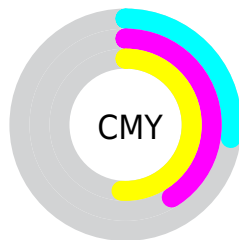
- Red (73%)
- Green (59%)
- Blue (49%)



- Red (73%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (27%)




- Cyan (27%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2044, 0.3758, 0.3638 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 34.2044, 0.3758, 0.3638 by changing the saturation by 10% instead.


 34.2044, 0.3758,
0.3638


 34.2044, 0.3758,
0.3638


321.0425, 0.3425,
0.3463

 23.0507, 0.3847,
0.3681


 66.2514, 0.3633,
0.3574

 14.6309, 0.3964,
0.3736


 87.9135, 0.3587,
0.3550

 8.5608, 0.4126,
0.3808

 113.8471, 0.3549,
0.3530

 4.4558, 0.4360,
0.3901

144.4367, 0.3516,
0.3513

 1.9317, 0.4781,
0.4068

180.0666, 0.3488,
0.3498

 0.5673, 0.5787,
0.4213

221.1213, 0.3464,

 0.0000, 0.0000,

0.3484

0.0000

267.9851, 0.3443,
0.3473

■ 34.2044, 0.3758,
0.3638

■ 34.2044, 0.3758,
0.3638

■ 30.3767, 0.4014,
0.3747

■ 38.4588, 0.3532,
0.3527

■ 26.9568, 0.4300,
0.3848

■ 43.1484, 0.3336,
0.3419

■ 23.9312, 0.4607,
0.3929


■ 48.2878, 0.3167,
0.3316


■ 21.2838, 0.4924,
0.3978


■ 53.8890, 0.3022,
0.3220

■ 18.9969, 0.5228,
0.3984

■ 59.9638, 0.2898,
0.3132


 17.0510, 0.5498,
0.3938

 66.5235, 0.2790,
0.3050

 15.8152, 0.5671,
0.3879

 73.4535, 0.2708,
0.2997

 79.7389, 0.2720,
0.3120

 86.4199, 0.2732,
0.3240

Harmonies

Analogous

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



34.2044, 0.3728, 0.3383



34.2044, 0.3758, 0.3638



34.2044, 0.3611, 0.3819

Triad

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



34.2044, 0.3758, 0.3638



34.2044, 0.2734, 0.3455



34.2044, 0.2897, 0.2780

Complementary

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



34.2044, 0.3758, 0.3638



33.8862, 0.2622, 0.2912

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.



34.2044, 0.2651, 0.2775



34.2044, 0.3758, 0.3638



34.2044, 0.2561, 0.3148

Square

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



34.2044, 0.3758, 0.3638



34.2044, 0.3015, 0.3726



34.2044, 0.2532, 0.2902



34.2044, 0.3216, 0.2905

Rectangle

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



34.2044, 0.3758, 0.3638



34.2044, 0.3437, 0.3865



34.2044, 0.2532, 0.2902



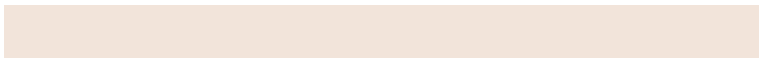
34.2044, 0.2803, 0.2764

Sweetspot

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



34.2060, 0.3758, 0.3638



79.4392, 0.3292, 0.3393



28.1251, 0.3428, 0.2792



17.2159, 0.3317, 0.3408



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.



34.2060, 0.3758, 0.3638



56.3582, 0.3934, 0.3715



45.0954, 0.3635, 0.4020



10.1605, 0.3278, 0.3384



11.0273, 0.5650, 0.3896



0.5610, 0.5220, 0.4238

Inverse Universe

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



33.8862, 0.2622, 0.2912



55.6855, 0.2515, 0.2816



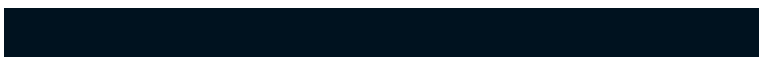
24.5598, 0.2564, 0.2436



10.1367, 0.2984, 0.3194



10.3684, 0.1863, 0.1907



0.5319, 0.1965, 0.2274

Previews

White Background



This preview shows how the Yxy color 34.2044, 0.3758, 0.3638 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 34.2044, 0.3758, 0.3638 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 34.2044, 0.3758, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 34.2044, 0.3758, 0.3638.



This preview shows how white text looks on a background with the Yxy color 34.2044, 0.3758, 0.3638.

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

34.2044, 0.3758, 0.3638

Protanopia

34.3635, 0.3500, 0.3719

Deuteranopia

34.2771, 0.3732, 0.3655



Tritanopia

34.2832, 0.3469, 0.3143

Trichromacy



Original Color

34.2044, 0.3758, 0.3638

Protanomaly

34.1152, 0.3593, 0.3682

Deuteranomaly

34.4019, 0.3743, 0.3653

Tritanomaly

34.0739, 0.3581, 0.3319

Monochromacy



Original Color

34.2044, 0.3758, 0.3638

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3185, 0.3342, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2044, 0.3758, 0.3638 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(187, 151, 126)` looks like.

```
.text, #text, p{  
    color:rgb(187, 151, 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(187, 151, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 151, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.2044, 0.3758, 0.3638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

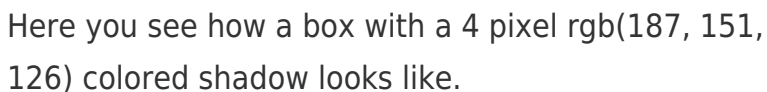
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 151, 126) }
```

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

```
.border{ border-color:rgb(187, 151, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 151, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 151, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 151, 126); box-shadow:4px 4px 4px 4px rgb(187, 151, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2044, 0.3758, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 151, 126) }
```

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

```
.background{ background-color: rgb(187,  
151, 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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