

Converting Colors

$Yxy(35.0132, 0.3688, 0.3582)$

Have a look what the booklet for
Yxy(35.0132, 0.3688, 0.3582)
contains.

Yxy(35.0132, 0.3688, 0.3582)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.0132, 0.3688, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	BB9984
RGB	187, 153, 132
RGB Percent	73%, 60%, 52%
CMY	0.2667, 0.4000, 0.4824
CMYK	0.00, 0.18, 0.29, 0.27
HSL	23°, 29%, 63%
HSV	23°, 29%, 73%
XYZ	36.0493, 35.0132, 26.6851
YIQ	160.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

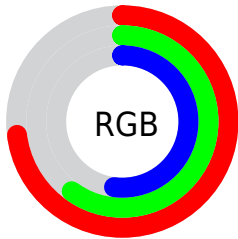
Format	Color
RYB	187, 166, 132
Decimal	12294532
CIELab	65.76, 9.52, 15.80
CIElCh	66, 18.449, 58.937
Yxy	35.0132, 0.3688, 0.3582
Android (android.graphics.Color)	4290484612 (0xFFBB9984)
YUV	160.7720, -14.1846, 23.0020
Hunter-Lab	59.1720, 5.1966, 14.6820

Details

The Yxy color **35.0132, 0.3688, 0.3582** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7614, 0.2674, 0.2978**, and the grayscale version is **35.5875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3615, 0.3579, 0.3526**, and **15.0985, 0.3880, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **30.9460, 0.3940, 0.3685**, and if you desaturate by 10%, it is **39.5419, 0.3469, 0.3479**.

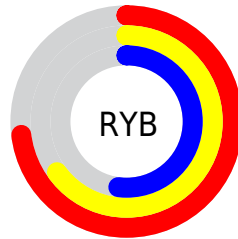
Distribution



Red (73%)

Green (60%)

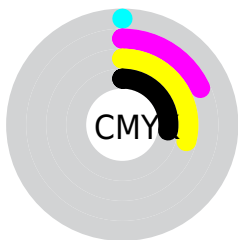
Blue (52%)



Red (73%)

Yellow (65%)

Blue (52%)

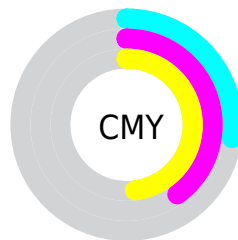


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0132, 0.3688, 0.3582 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 35.0132, 0.3688, 0.3582 by changing the saturation by 10% instead.


 35.0132, 0.3688,
0.3582


 35.0132, 0.3688,
0.3582


324.6266, 0.3392,
0.3435

 23.6730, 0.3767,
0.3619

 67.5062, 0.3577,
0.3529

 15.0913, 0.3871,
0.3665


 89.4279, 0.3536,
0.3508

 8.8835, 0.4014,
0.3726


 115.6455, 0.3502,
0.3491

 4.6652, 0.4223,
0.3806

146.5434, 0.3474,
0.3477

 2.0522, 0.4560,
0.3921

182.5061, 0.3449,
0.3464

 0.6376, 0.5680,
0.4320


223.9179, 0.3428,


 0.0000, 0.0000,

0.3453


0.0000


271.1633, 0.3409,
0.3444


 35.0132, 0.3688,
0.3582


 35.0132, 0.3688,
0.3582


 30.9460, 0.3940,
0.3685


 39.5419, 0.3469,
0.3479


 27.3200, 0.4224,
0.3783


 44.5417, 0.3280,
0.3379


 24.1209, 0.4536,
0.3865

 50.0281, 0.3118,
0.3285

 21.3312, 0.4864,
0.3920

 56.0141, 0.2980,
0.3197

 18.9322, 0.5189,
0.3935

 62.5126, 0.2862,
0.3117

■ 16.9031, 0.5484,
0.3901

■ 69.5356, 0.2761,
0.3044

■ 15.2157, 0.5734,
0.3823

■ 76.5762, 0.2714,
0.3059

■ 15.1264, 0.5748,
0.3818

■ 83.3693, 0.2726,
0.3186

■ 89.3049, 0.2736,
0.3289

Harmonies

Analogous

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



35.0132, 0.3646, 0.3353



35.0132, 0.3688, 0.3582



35.0132, 0.3573, 0.3748

Triad

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



35.0132, 0.3688, 0.3582



35.0132, 0.2799, 0.3460



35.0132, 0.2901, 0.2831

Complementary

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



35.0132, 0.3688, 0.3582



35.7614, 0.2674, 0.2978

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.



35.0132, 0.2691, 0.2839



35.0132, 0.3688, 0.3582



35.0132, 0.2634, 0.3190

Square

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



35.0132, 0.3688, 0.3582



35.0132, 0.3055, 0.3689



35.0132, 0.2596, 0.2965



35.0132, 0.3180, 0.2934

Rectangle

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



35.0132, 0.3688, 0.3582



35.0132, 0.3426, 0.3795



35.0132, 0.2596, 0.2965



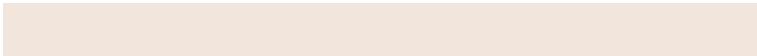
35.0132, 0.2820, 0.2821

Sweetspot

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



35.0148, 0.3688, 0.3582



80.0271, 0.3275, 0.3376



29.8494, 0.3371, 0.2818



17.3220, 0.3301, 0.3390



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.



35.0148, 0.3688, 0.3582



58.1335, 0.3839, 0.3646



44.7388, 0.3590, 0.3926



10.1177, 0.3279, 0.3378



10.5521, 0.5727, 0.3835



0.5406, 0.5278, 0.4191

Inverse Universe

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



35.7614, 0.2674, 0.2978



59.6661, 0.2581, 0.2901



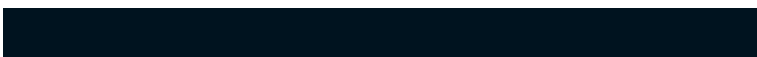
27.0531, 0.2629, 0.2562



10.1806, 0.2984, 0.3200



11.1531, 0.1890, 0.2004



0.5596, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 35.0132, 0.3688, 0.3582 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 35.0132, 0.3688, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

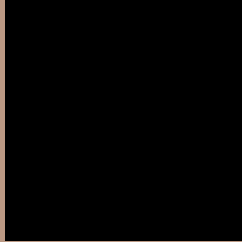
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0132, 0.3688, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 35.0132, 0.3688, 0.3582.



This preview shows how white text looks on a background with the Yxy color 35.0132, 0.3688, 0.3582.

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

35.0132, 0.3688, 0.3582

Protanopia

35.2157, 0.3437, 0.3658

Deuteranopia

35.0914, 0.3663, 0.3598



Tritanopia

34.9801, 0.3444, 0.3143

Trichromacy



Original Color

35.0132, 0.3688, 0.3582

Protanomaly

34.9491, 0.3528, 0.3622

Deuteranomaly

35.2162, 0.3674, 0.3597

Tritanomaly

34.8335, 0.3533, 0.3291

Monochromacy



Original Color

35.0132, 0.3688, 0.3582

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2018, 0.3320, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0132, 0.3688, 0.3582 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, 153, 132)` looks like.

```
.text, #text, p{  
    color:rgb(187, 153, 132)  
}
```

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, 153, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 153, 132) }
```

Border

The CSS property to change the border of an element to Yxy 35.0132, 0.3688, 0.3582 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, 153, 132) }
```

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

```
.border{ border-color:rgb(187, 153, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 153, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 153, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 153, 132);  
box-shadow:4px 4px 4px 4px rgb(187, 153,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0132, 0.3688, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 153, 132) }
```

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

```
.background{ background-color: rgb(187,  
153, 132) }
```

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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