

Converting Colors

$Yxy(35.1539, 0.3666, 0.3600)$

Have a look what the booklet for
Yxy(35.1539, 0.3666, 0.3600)
contains.

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Color

Yxy(35.0914, 0.3663, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	B99A84
RGB	185, 154, 132
RGB Percent	73%, 60%, 52%
CMY	0.2745, 0.3960, 0.4824
CMYK	0.00, 0.17, 0.29, 0.27
HSL	25°, 27%, 62%
HSV	25°, 29%, 73%
XYZ	35.7253, 35.0914, 26.7135
YIQ	160.7610, 25.5380, -0.2700

Conversions

Conversions Part 2

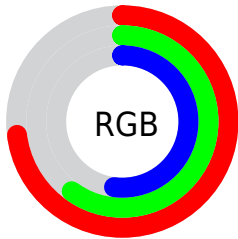
Format	Color
R _Y B	185, 170, 132
Decimal	12163716
CIE Lab	65.82, 8.17, 15.86
CIE LCh	66, 17.844, 62.752
Yxy	35.0914, 0.3663, 0.3598
Android (android.graphics.Color)	4290353796 (0xFFB99A84)
YUV	160.7610, -14.1792, 21.2576
Hunter-Lab	59.2380, 3.9836, 14.7296

Details

The Yxy color **35.0914, 0.3663, 0.3598** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5882, 0.2683, 0.2960**, and the grayscale version is **35.5819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4918, 0.3561, 0.3538**, and **15.1350, 0.3843, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **31.2206, 0.3906, 0.3710**, and if you desaturate by 10%, it is **39.3767, 0.3450, 0.3486**.

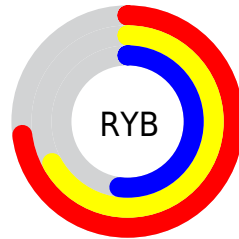
Distribution



Red (73%)

Green (60%)

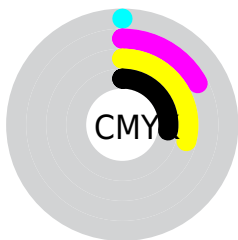
Blue (52%)



Red (73%)

Yellow (67%)

Blue (52%)

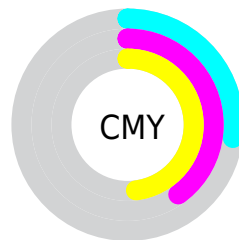


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0914, 0.3663, 0.3598 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 35.0914, 0.3663, 0.3598 by changing the saturation by 10% instead.


 35.0914, 0.3663,
0.3598


 35.0914, 0.3663,
0.3598


324.9716, 0.3381,
0.3442


 23.7333, 0.3738,
0.3637


 67.6273, 0.3557,
0.3541

 15.1359, 0.3837,
0.3687


 89.5740, 0.3518,
0.3520

 8.9148, 0.3973,
0.3753


 115.8189, 0.3486,
0.3502

 4.6857, 0.4172,
0.3843

146.7465, 0.3459,
0.3486

 2.0640, 0.4492,
0.3973

182.7411, 0.3435,
0.3473

 0.6443, 0.5575,
0.4425

224.1873, 0.3415,

 0.0000, 0.0000,

0.3461

0.0000

271.4693, 0.3397,
0.3451

■ 35.0914, 0.3663,
0.3598

■ 35.0914, 0.3663,
0.3598

■ 31.2206, 0.3906,
0.3710

■ 39.3767, 0.3450,
0.3486

■ 27.7464, 0.4178,
0.3817

■ 44.0842, 0.3266,
0.3378

■ 24.6563, 0.4475,
0.3908

■ 49.2275, 0.3107,
0.3277

■ 21.9354, 0.4787,
0.3973

■ 54.8180, 0.2971,
0.3182

■ 19.5676, 0.5096,
0.4000

■ 60.8668, 0.2853,
0.3096

■ 17.5349, 0.5379,
0.3976

■ 67.3842, 0.2752,
0.3016

■ 15.8138, 0.5621,
0.3904

■ 73.9565, 0.2698,
0.3011

■ 15.6028, 0.5653,
0.3894

■ 80.1516, 0.2710,
0.3132

■ 86.7263, 0.2722,
0.3249

Harmonies

Analogous

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



35.0914, 0.3642, 0.3381



35.0914, 0.3663, 0.3598



35.0914, 0.3534, 0.3746

Triad

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



35.0914, 0.3663, 0.3598



35.0914, 0.2784, 0.3422



35.0914, 0.2940, 0.2853

Complementary

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



35.0914, 0.3663, 0.3598



34.5882, 0.2683, 0.2960

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.



35.0914, 0.2725, 0.2846



35.0914, 0.3663, 0.3598



35.0914, 0.2638, 0.3162

Square

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



35.0914, 0.3663, 0.3598



35.0914, 0.3023, 0.3652



35.0914, 0.2617, 0.2954



35.0914, 0.3215, 0.2964

Rectangle

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



35.0914, 0.3663, 0.3598



35.0914, 0.3385, 0.3779



35.0914, 0.2617, 0.2954



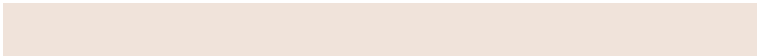
35.0914, 0.2859, 0.2838

Sweetspot

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



35.0930, 0.3663, 0.3598



78.5296, 0.3274, 0.3383



29.4837, 0.3382, 0.2854



16.6572, 0.3300, 0.3399



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.0930, 0.3663, 0.3598



58.6773, 0.3803, 0.3665



44.4962, 0.3571, 0.3931



9.6089, 0.3278, 0.3385



10.7621, 0.5631, 0.3911



0.5023, 0.5172, 0.4275

Inverse Universe

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



34.5882, 0.2683, 0.2960



57.6260, 0.2592, 0.2880



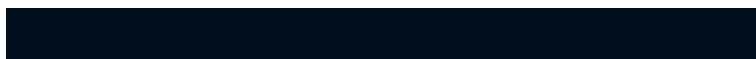
26.3786, 0.2641, 0.2556



9.5680, 0.2985, 0.3193



9.8524, 0.1858, 0.1888



0.4664, 0.1969, 0.2288

Previews

White Background



This preview shows how the Yxy color 35.0914, 0.3663, 0.3598 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 35.0914, 0.3663, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

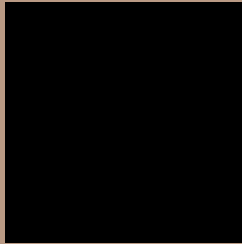
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0914, 0.3663, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 35.0914, 0.3663, 0.3598.



This preview shows how white text looks on a background with the Yxy color 35.0914, 0.3663, 0.3598.

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

35.0914, 0.3663, 0.3598

Protanopia

35.3259, 0.3447, 0.3656

Deuteranopia

35.0914, 0.3663, 0.3598



Tritanopia

35.0773, 0.3411, 0.3142

Trichromacy



Original Color

35.0914, 0.3663, 0.3598

Protanomaly

35.2889, 0.3525, 0.3636

Deuteranomaly

35.0914, 0.3663, 0.3598

Tritanomaly

34.9000, 0.3510, 0.3305

Monochromacy



Original Color

35.0914, 0.3663, 0.3598

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 35.0914, 0.3663, 0.3598 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(185, 154, 132)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 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(185, 154, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 132) }
```

Border

The CSS property to change the border of an element to Yxy 35.0914, 0.3663, 0.3598 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(185, 154, 132) }
```

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

```
.border{ border-color:rgb(185, 154, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 132);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0914, 0.3663, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 132) }
```

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

```
.background{ background-color: rgb(185,  
154, 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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