

Converting Colors

$Yxy(51.0134, 0.3471, 0.3574)$

Have a look what the booklet for
Yxy(51.0134, 0.3471, 0.3574)
contains.

Yxy(51.2001, 0.3466, 0.3575)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.2001, 0.3466, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	CDBBA4
RGB	205, 187, 164
RGB Percent	80%, 73%, 64%
CMY	0.1962, 0.2666, 0.3569
CMYK	0.00, 0.09, 0.20, 0.20
HSL	34°, 29%, 72%
HSV	34°, 20%, 80%
XYZ	49.6390, 51.2001, 42.3779
YIQ	189.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

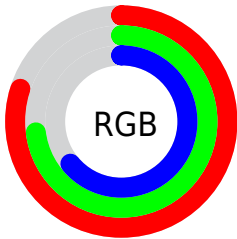
Format	Color
R _{YB}	196, 205, 164
Decimal	13482916
CIE Lab	76.80, 2.65, 13.98
CIE LCh	77, 14.226, 79.250
Yxy	51.2001, 0.3466, 0.3575
Android (android.graphics.Color)	4291672996 (0xFFCDBBA4)
YUV	189.7600, -12.6997, 13.3655
Hunter-Lab	71.5542, -1.3899, 14.9735

Details

The Yxy color **51.2001, 0.3466, 0.3575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7216, 0.2812, 0.2987**, and the grayscale version is **51.4120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4757, 0.3356, 0.3527**, and **24.7041, 0.3556, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **46.8304, 0.3666, 0.3725**, and if you desaturate by 10%, it is **55.9317, 0.3286, 0.3429**.

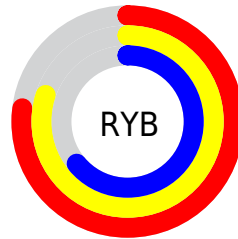
Distribution



Red (80%)

Green (73%)

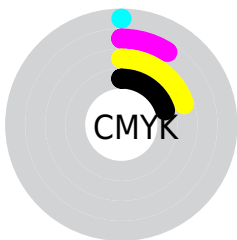
Blue (64%)



Red (77%)

Yellow (80%)

Blue (64%)

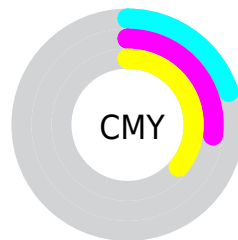


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2001, 0.3466, 0.3575 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 51.2001, 0.3466, 0.3575 by changing the saturation by 10% instead.


 51.2001, 0.3466,
0.3575

 51.2001, 0.3466,
0.3575


391.3407, 0.3299,
0.3436

 36.3679, 0.3507,
0.3609


 91.9505, 0.3406,
0.3525

 24.7185, 0.3559,
0.3651


 118.6374, 0.3383,
0.3506

 15.8674, 0.3628,
0.3706


150.0448, 0.3364,
0.3490

 9.4304, 0.3721,
0.3781

186.5569, 0.3347,
0.3476

 5.0230, 0.3857,
0.3888

228.5581, 0.3333,
0.3464

 2.2607, 0.4069,
0.4049

276.4329, 0.3320,

 0.7528, 0.5090,

0.3454

0.4910

330.5656, 0.3309,
0.3444

0.0000, 0.0000,
0.0000

51.2001, 0.3466,
0.3575

51.2001, 0.3466,
0.3575

46.8304, 0.3666,
0.3725

55.9317, 0.3286,
0.3429

42.8058, 0.3887,
0.3874

61.0279, 0.3127,
0.3290

39.1179, 0.4124,
0.4015

66.5000, 0.2987,
0.3160

35.7554, 0.4371,
0.4137

72.3568, 0.2863,
0.3040

32.7060, 0.4618,
0.4229

77.8463, 0.2817,
0.3044

■ 29.9564, 0.4852,
0.4278

■ 83.0254, 0.2823,
0.3141

■ 27.4913, 0.5059,
0.4276

■ 88.4662, 0.2829,
0.3235

■ 25.2865, 0.5235,
0.4226

■ 91.7141, 0.2832,
0.3289

■ 25.2857, 0.5235,
0.4226

Harmonies

Analogous

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



51.2001, 0.3509, 0.3446



51.2001, 0.3466, 0.3575



51.2001, 0.3331, 0.3631

Triad

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



51.2001, 0.3466, 0.3575



51.2001, 0.2817, 0.3284



51.2001, 0.3101, 0.3013

Complementary

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



51.2001, 0.3466, 0.3575



45.7216, 0.2812, 0.2987

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.



51.2001, 0.2920, 0.2966



51.2001, 0.3466, 0.3575



51.2001, 0.2760, 0.3115

Square

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



51.2001, 0.3466, 0.3575



51.2001, 0.2956, 0.3460



51.2001, 0.2797, 0.3002



51.2001, 0.3295, 0.3127

Rectangle

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



51.2001, 0.3466, 0.3575



51.2001, 0.3209, 0.3614



51.2001, 0.2797, 0.3002



51.2001, 0.3037, 0.2989

Sweetspot

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



51.2024, 0.3466, 0.3575



94.8534, 0.3222, 0.3373



42.9126, 0.3349, 0.3062



20.1855, 0.3232, 0.3383



0.0000, 0.0000, 0.0000



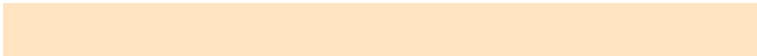
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2024, 0.3466, 0.3575



80.7447, 0.3550, 0.3640



59.0099, 0.3409, 0.3787



12.2424, 0.3276, 0.3420



15.9395, 0.5216, 0.4241



0.9718, 0.4963, 0.4441

Inverse Universe

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



45.7216, 0.2812, 0.2987



70.1631, 0.2740, 0.2913



39.0598, 0.2813, 0.2746



11.6387, 0.2983, 0.3156



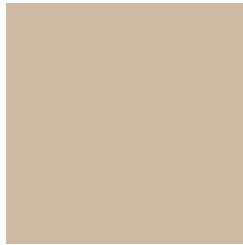
7.4534, 0.1720, 0.1391



0.5347, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 51.2001, 0.3466, 0.3575 looks on a white background.

Color Contrast Check

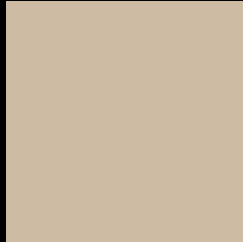
Large Text (above 18pt) WCAG AA × Fail

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 51.2001, 0.3466, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

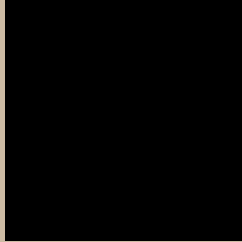
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2001, 0.3466, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 51.2001, 0.3466, 0.3575.



This preview shows how white text looks on a background with the Yxy color 51.2001, 0.3466, 0.3575.

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

51.2001, 0.3466, 0.3575

Protanopia

51.2539, 0.3401, 0.3591

Deuteranopia

51.3353, 0.3575, 0.3506



Tritanopia

51.0424, 0.3237, 0.3112

Trichromacy



Original Color

51.2001, 0.3466, 0.3575

Protanomaly

51.1006, 0.3421, 0.3577

Deuteranomaly

51.1437, 0.3536, 0.3520

Tritanomaly

51.1937, 0.3324, 0.3279

Monochromacy



Original Color

51.2001, 0.3466, 0.3575

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3335, 0.3239, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2001, 0.3466, 0.3575 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(205, 187, 164)` looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 164)  
}
```

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(205, 187, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 164) }
```

Border

The CSS property to change the border of an element to Yxy 51.2001, 0.3466, 0.3575 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(205, 187, 164) }
```

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

```
.border{ border-color:rgb(205, 187, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 187, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 187, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 187, 164);  
box-shadow:4px 4px 4px 4px rgb(205, 187,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2001, 0.3466, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 164) }
```

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

```
.background{ background-color: rgb(205,  
187, 164) }
```

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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