

Converting Colors

Yxy(51.0615, 0.3499, 0.3591)

Have a look what the booklet for
Yxy(51.0615, 0.3499, 0.3591)
contains.

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Color

Yxy(50.9918, 0.3503, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	CFBAA2
RGB	207, 186, 162
RGB Percent	81%, 73%, 64%
CMY	0.1882, 0.2706, 0.3648
CMYK	0.00, 0.10, 0.22, 0.19
HSL	32°, 32%, 72%
HSV	32°, 22%, 81%
XYZ	49.8116, 50.9918, 41.3935
YIQ	189.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

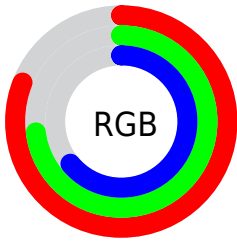
Format	Color
RYB	201, 207, 162
Decimal	13613730
CIELab	76.67, 3.66, 14.90
CIELCh	77, 15.342, 76.189
Yxy	50.9918, 0.3503, 0.3586
Android (android.graphics.Color)	4291803810 (0xFFCFBAA2)
YUV	189.5430, -13.5787, 15.3098
Hunter-Lab	71.4085, -0.4509, 15.6172

Details

The Yxy color **50.9918, 0.3503, 0.3586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0448, 0.2784, 0.2975**, and the grayscale version is **51.2876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7740, 0.3370, 0.3538**, and **24.5762, 0.3607, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **46.3859, 0.3711, 0.3730**, and if you desaturate by 10%, it is **55.9984, 0.3317, 0.3446**.

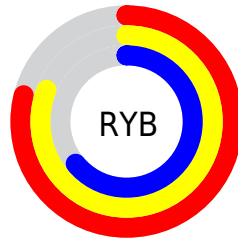
Distribution



Red (81%)

Green (73%)

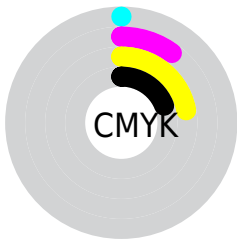
Blue (64%)



Red (79%)

Yellow (81%)

Blue (64%)

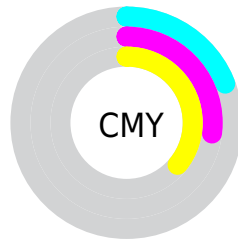


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (19%)



Cyan (19%)


Magenta (27%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9918, 0.3503, 0.3586 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 50.9918, 0.3503, 0.3586 by changing the saturation by 10% instead.


 50.9918, 0.3503,
0.3586

 50.9918, 0.3503,
0.3586


390.5319, 0.3317,
0.3442

 36.2021, 0.3549,
0.3621


 91.6427, 0.3436,
0.3535

 24.5903, 0.3606,
0.3664


 118.2726, 0.3411,
0.3515

 15.7721, 0.3683,
0.3721


149.6180, 0.3389,
0.3498

 9.3630, 0.3787,
0.3798

186.0634, 0.3371,
0.3484

 4.9787, 0.3938,
0.3905

227.9931, 0.3355,
0.3471

 2.2348, 0.4173,
0.4065

275.7915, 0.3341,

 0.7389, 0.5173,

0.3460

0.4827

329.8429, 0.3328,
0.3451

0.0000, 0.0000,
0.0000

50.9918, 0.3503,
0.3586

50.9918, 0.3503,
0.3586

46.3859, 0.3711,
0.3730

55.9984, 0.3317,
0.3446

42.1624, 0.3941,
0.3871

61.4095, 0.3154,
0.3312

38.3116, 0.4189,
0.4003

67.2377, 0.3010,
0.3187

34.8209, 0.4448,
0.4114

73.4929, 0.2884,
0.3072

31.6764, 0.4707,
0.4193

79.4903, 0.2831,
0.3071

■ 28.8628, 0.4952,
0.4227

■ 85.1471, 0.2837,
0.3174

■ 26.3631, 0.5166,
0.4209

■ 91.1082, 0.2843,
0.3275

■ 24.5154, 0.5319,
0.4159

■ 92.0054, 0.2844,
0.3289

Harmonies

Analogous

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



50.9918, 0.3538, 0.3441



50.9918, 0.3503, 0.3586



50.9918, 0.3365, 0.3657

Triad

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



50.9918, 0.3503, 0.3586



50.9918, 0.2804, 0.3303



50.9918, 0.3078, 0.2983

Complementary

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



50.9918, 0.3503, 0.3586



46.0448, 0.2784, 0.2975

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.



50.9918, 0.2886, 0.2941



50.9918, 0.3503, 0.3586



50.9918, 0.2733, 0.3117

Square

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



50.9918, 0.3503, 0.3586



50.9918, 0.2961, 0.3492



50.9918, 0.2762, 0.2988



50.9918, 0.3288, 0.3100

Rectangle

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



50.9918, 0.3503, 0.3586



50.9918, 0.3236, 0.3647



50.9918, 0.2762, 0.2988



50.9918, 0.3009, 0.2960

Sweetspot

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



50.9941, 0.3503, 0.3586



93.7059, 0.3238, 0.3383



42.5207, 0.3366, 0.3032



19.9441, 0.3249, 0.3391



0.0000, 0.0000, 0.0000



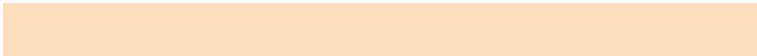
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9941, 0.3503, 0.3586



78.2739, 0.3595, 0.3651



60.2841, 0.3440, 0.3830



12.8378, 0.3277, 0.3414



15.6370, 0.5299, 0.4174



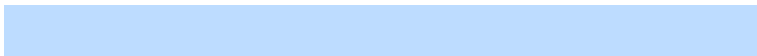
1.0324, 0.5042, 0.4378

Inverse Universe

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



46.0448, 0.2784, 0.2975



68.9891, 0.2709, 0.2899



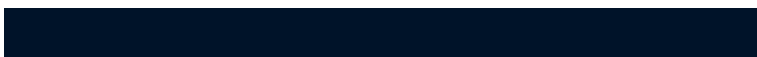
38.1799, 0.2776, 0.2691



12.3136, 0.2982, 0.3163



8.3579, 0.1744, 0.1479



0.6254, 0.1841, 0.1827

Previews

White Background



This preview shows how the Yxy color 50.9918, 0.3503, 0.3586 looks on a white background.

Color Contrast Check

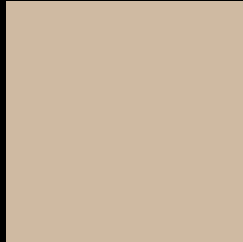
Large Text (above 18pt) WCAG AA × Fail

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 50.9918, 0.3503, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

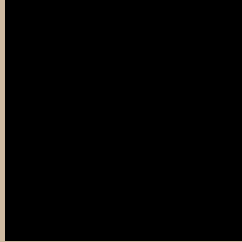
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9918, 0.3503, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 50.9918, 0.3503, 0.3586.



This preview shows how white text looks on a background with the Yxy color 50.9918, 0.3503, 0.3586.

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

50.9918, 0.3503, 0.3586

Protanopia

51.1816, 0.3417, 0.3616

Deuteranopia

50.8520, 0.3595, 0.3518



Tritanopia

50.8368, 0.3272, 0.3124

Trichromacy



Original Color

50.9918, 0.3503, 0.3586

Protanomaly

51.1673, 0.3446, 0.3602

Deuteranomaly

50.6575, 0.3556, 0.3533

Tritanomaly

50.9875, 0.3360, 0.3291

Monochromacy



Original Color

50.9918, 0.3503, 0.3586

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4262, 0.3255, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9918, 0.3503, 0.3586 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, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 162)  
}
```

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, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 162) }
```

Border

The CSS property to change the border of an element to Yxy 50.9918, 0.3503, 0.3586 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, 186, 162) }
```

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

```
.border{ border-color:rgb(207, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9918, 0.3503, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 162) }
```

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

```
.background{ background-color: rgb(207,  
186, 162) }
```

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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