

Converting Colors

Yxy(50.4552, 0.3467, 0.3569)

Have a look what the booklet for
Yxy(50.4552, 0.3467, 0.3569)
contains.

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Color

Yxy(50.5995, 0.3468, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	CCBAA3
RGB	204, 186, 163
RGB Percent	80%, 73%, 64%
CMY	0.2000, 0.2706, 0.3608
CMYK	0.00, 0.09, 0.20, 0.20
HSL	34°, 29%, 72%
HSV	34°, 20%, 80%
XYZ	49.0713, 50.5995, 41.8267
YIQ	188.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

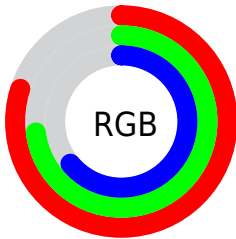
Format	Color
RYB	195, 204, 163
Decimal	13417123
CIELab	76.44, 2.68, 13.98
CIELCh	76, 14.239, 79.140
Yxy	50.5995, 0.3468, 0.3576
Android (android.graphics.Color)	4291607203 (0xFFCCBAA3)
YUV	188.7600, -12.6997, 13.3655
Hunter-Lab	71.1333, -1.3451, 14.9306

Details

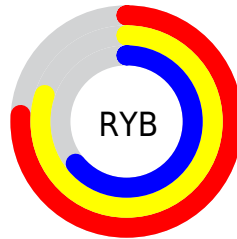
The Yxy color **50.5995, 0.3468, 0.3576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1892, 0.2810, 0.2986**, and the grayscale version is **50.8117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8262, 0.3364, 0.3528**, and **24.3123, 0.3559, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **46.2736, 0.3669, 0.3726**, and if you desaturate by 10%, it is **55.2843, 0.3288, 0.3430**.

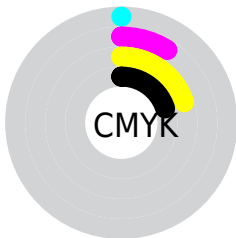
Distribution



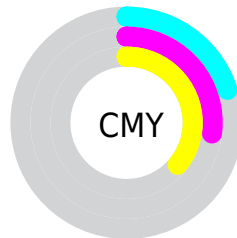
- Red (80%)
- Green (73%)
- Blue (64%)



- Red (76%)
- 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 50.5995, 0.3468, 0.3576 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 50.5995, 0.3468, 0.3576 by changing the saturation by 10% instead.

 50.5995, 0.3468,
0.3576

 50.5995, 0.3468,
0.3576


389.0057, 0.3300,
0.3436

 35.8900, 0.3509,
0.3610


 91.0625, 0.3407,
0.3526

 24.3492, 0.3562,
0.3653


 117.5847, 0.3384,
0.3507

 15.5929, 0.3631,
0.3709


148.8134, 0.3365,
0.3491

 9.2365, 0.3727,
0.3784

185.1327, 0.3348,
0.3477

 4.8958, 0.3865,
0.3892

226.9273, 0.3334,
0.3465

 2.1862, 0.4081,
0.4056

274.5814, 0.3321,

 0.7125, 0.5104,

0.3454

0.4896

328.4794, 0.3310,
0.3445

0.0000, 0.0000,
0.0000

50.5995, 0.3468,
0.3576

50.5995, 0.3468,
0.3576

46.2736, 0.3669,
0.3726

55.2843, 0.3288,
0.3430

42.2897, 0.3889,
0.3875

60.3306, 0.3129,
0.3291

38.6398, 0.4127,
0.4015

65.7498, 0.2988,
0.3162

35.3125, 0.4374,
0.4137

71.5503, 0.2865,
0.3041

32.2956, 0.4622,
0.4228

77.0801, 0.2811,
0.3032

■ 29.5760, 0.4856,
0.4276

■ 82.2139, 0.2817,
0.3128

■ 27.1384, 0.5063,
0.4273

■ 87.6077, 0.2823,
0.3223

■ 24.9798, 0.5237,
0.4224

■ 91.5777, 0.2827,
0.3289

Harmonies

Analogous

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



50.5995, 0.3511, 0.3447



50.5995, 0.3468, 0.3576



50.5995, 0.3332, 0.3632

Triad

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



50.5995, 0.3468, 0.3576



50.5995, 0.2816, 0.3284



50.5995, 0.3101, 0.3011

Complementary

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



50.5995, 0.3468, 0.3576



45.1892, 0.2810, 0.2986

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.



50.5995, 0.2918, 0.2965



50.5995, 0.3468, 0.3576



50.5995, 0.2758, 0.3115

Square

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



50.5995, 0.3468, 0.3576



50.5995, 0.2956, 0.3462



50.5995, 0.2795, 0.3001



50.5995, 0.3295, 0.3126

Rectangle

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



50.5995, 0.3468, 0.3576



50.5995, 0.3210, 0.3616



50.5995, 0.2795, 0.3001



50.5995, 0.3036, 0.2987

Sweetspot

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



50.6018, 0.3468, 0.3576



94.8440, 0.3222, 0.3373



42.3841, 0.3350, 0.3061



20.1833, 0.3232, 0.3383



0.0000, 0.0000, 0.0000



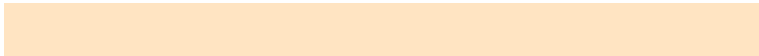
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6018, 0.3468, 0.3576



80.7111, 0.3550, 0.3639



58.3807, 0.3411, 0.3789



12.2405, 0.3276, 0.3420



15.9105, 0.5218, 0.4239



0.9704, 0.4965, 0.4439

Inverse Universe

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



45.1892, 0.2810, 0.2986



70.1953, 0.2740, 0.2914



38.5556, 0.2812, 0.2743



11.6406, 0.2983, 0.3157



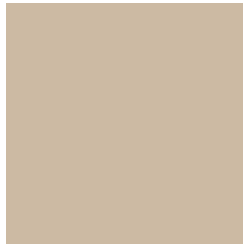
7.4750, 0.1721, 0.1394



0.5359, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 50.5995, 0.3468, 0.3576 looks on a white background.

Color Contrast Check

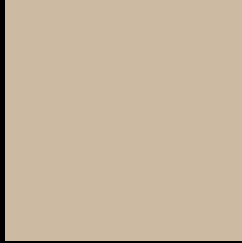
Large Text (above 18pt) WCAG AA × Fail

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 50.5995, 0.3468, 0.3576 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 50.5995, 0.3468, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 50.5995, 0.3468, 0.3576.



This preview shows how white text looks on a background with the Yxy color 50.5995, 0.3468, 0.3576.

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

50.5995, 0.3468, 0.3576

Protanopia

50.6525, 0.3402, 0.3592

Deuteranopia

50.7352, 0.3577, 0.3507



Tritanopia

50.4432, 0.3238, 0.3111

Trichromacy



Original Color

50.5995, 0.3468, 0.3576

Protanomaly

50.5003, 0.3422, 0.3579

Deuteranomaly

50.5444, 0.3538, 0.3521

Tritanomaly

50.5931, 0.3325, 0.3278

Monochromacy



Original Color

50.5995, 0.3468, 0.3576

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7311, 0.3240, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5995, 0.3468, 0.3576 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(204, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 163)  
}
```

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(204, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 163) }
```

Border

The CSS property to change the border of an element to Yxy 50.5995, 0.3468, 0.3576 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(204, 186, 163) }
```

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

```
.border{ border-color:rgb(204, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5995, 0.3468, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 163) }
```

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

```
.background{ background-color: rgb(204,  
186, 163) }
```

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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