

Converting Colors

$Yxy(48.6205, 0.3419, 0.3434)$

Have a look what the booklet for
Yxy(48.6205, 0.3419, 0.3434)
contains.

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Color

Yxy(48.6088, 0.3419, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	CBB5A9
RGB	203, 181, 169
RGB Percent	80%, 71%, 66%
CMY	0.2040, 0.2902, 0.3372
CMYK	0.00, 0.11, 0.17, 0.20
HSL	21°, 25%, 73%
HSV	21°, 17%, 80%
XYZ	48.3121, 48.6088, 44.3838
YIQ	186.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

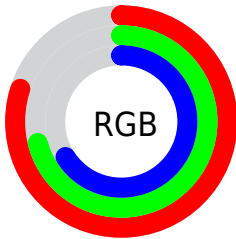
Format	Color
RYB	203, 188, 169
Decimal	13350313
CIELab	75.21, 5.90, 8.96
CIELCh	75, 10.729, 56.649
Yxy	48.6088, 0.3419, 0.3440
Android (android.graphics.Color)	4291540393 (0xFFCBB5A9)
YUV	186.2100, -8.4845, 14.7248
Hunter-Lab	69.7200, 1.6805, 11.0600

Details

The Yxy color **48.6088, 0.3419, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0098, 0.2870, 0.3135**, and the grayscale version is **49.2689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2102, 0.3332, 0.3419**, and **23.1123, 0.3508, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **42.8141, 0.3634, 0.3536**, and if you desaturate by 10%, it is **55.0299, 0.3235, 0.3348**.

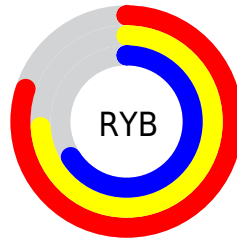
Distribution



Red (80%)

Green (71%)

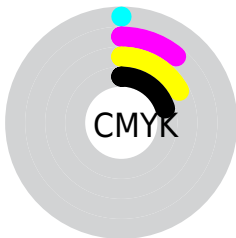
Blue (66%)



Red (80%)

Yellow (74%)

Blue (66%)

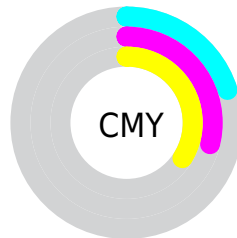


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6088, 0.3419, 0.3440 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 48.6088, 0.3419, 0.3440 by changing the saturation by 10% instead.


 48.6088, 0.3419,
0.3440

 48.6088, 0.3419,
0.3440


381.2002, 0.3273,
0.3367

 34.3093, 0.3455,
0.3458


 88.1102, 0.3366,
0.3414

 23.1313, 0.3502,
0.3480


114.0808, 0.3346,
0.3404

 14.6905, 0.3564,
0.3509


144.7105, 0.3329,
0.3396

 8.6024, 0.3650,
0.3548

180.3838, 0.3315,
0.3388

 4.4828, 0.3778,
0.3604

221.4850, 0.3303,
0.3382

 1.9471, 0.3987,
0.3688

268.3986, 0.3292,

 0.5765, 0.5450,

0.3376

0.4541

321.5088, 0.3282,
0.3371

0.0000, 0.0000,
0.0000

48.6088, 0.3419,
0.3440

48.6088, 0.3419,
0.3440

42.8141, 0.3634,
0.3536

55.0299, 0.3235,
0.3348

37.6199, 0.3884,
0.3633

62.0892, 0.3079,
0.3263

33.0080, 0.4170,
0.3725

69.8065, 0.2946,
0.3183

28.9570, 0.4489,
0.3805

78.1987, 0.2833,
0.3111

25.4437, 0.4829,
0.3861

86.2420, 0.2816,
0.3202

■ 22.4433, 0.5173,
0.3881

■ 91.4341, 0.2821,
0.3289

■ 19.9285, 0.5492,
0.3854

■ 17.8679, 0.5758,
0.3777

■ 17.2817, 0.5837,
0.3747

Harmonies

Analogous

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



48.6088, 0.3390, 0.3318



48.6088, 0.3419, 0.3440



48.6088, 0.3367, 0.3526

Triad

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



48.6088, 0.3419, 0.3440



48.6088, 0.2965, 0.3389



48.6088, 0.3000, 0.3043

Complementary

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



48.6088, 0.3419, 0.3440



50.0098, 0.2870, 0.3135

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.



48.6088, 0.2890, 0.3056



48.6088, 0.3419, 0.3440



48.6088, 0.2871, 0.3253

Square

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



48.6088, 0.3419, 0.3440



48.6088, 0.3104, 0.3499



48.6088, 0.2844, 0.3131



48.6088, 0.3146, 0.3093

Rectangle

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



48.6088, 0.3419, 0.3440



48.6088, 0.3295, 0.3549



48.6088, 0.2844, 0.3131



48.6088, 0.2958, 0.3040

Sweetspot

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



48.6110, 0.3419, 0.3440



94.0543, 0.3207, 0.3334



44.8452, 0.3247, 0.3019



19.9574, 0.3219, 0.3340



0.0000, 0.0000, 0.0000



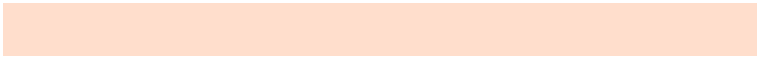
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6110, 0.3419, 0.3440



77.8613, 0.3491, 0.3474



55.8971, 0.3386, 0.3643



11.8506, 0.3281, 0.3372



11.1562, 0.5812, 0.3767



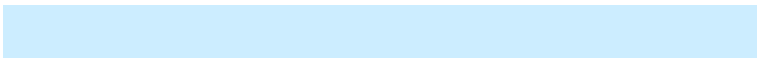
0.7176, 0.5435, 0.4067

Inverse Universe

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



50.0098, 0.2870, 0.3135



80.6267, 0.2815, 0.3099



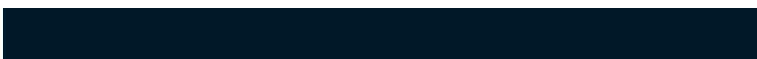
43.0667, 0.2859, 0.2911



12.0348, 0.2983, 0.3206



13.3128, 0.1917, 0.2102



0.8262, 0.1989, 0.2361

Previews

White Background



This preview shows how the Yxy color 48.6088, 0.3419, 0.3440 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 48.6088, 0.3419, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

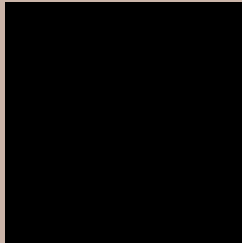
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6088, 0.3419, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 48.6088, 0.3419, 0.3440.



This preview shows how white text looks on a background with the Yxy color 48.6088, 0.3419, 0.3440.

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

48.6088, 0.3419, 0.3440

Protanopia

48.8447, 0.3298, 0.3469

Deuteranopia

48.6601, 0.3478, 0.3414



Tritanopia

48.7684, 0.3257, 0.3121

Trichromacy



Original Color

48.6088, 0.3419, 0.3440

Protanomaly

48.9190, 0.3343, 0.3468

Deuteranomaly

48.7725, 0.3457, 0.3426

Tritanomaly

48.6800, 0.3314, 0.3229

Monochromacy



Original Color

48.6088, 0.3419, 0.3440

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7827, 0.3227, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6088, 0.3419, 0.3440 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(203, 181, 169)` looks like.

```
.text, #text, p{  
    color:rgb(203, 181, 169)  
}
```

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(203, 181, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 181, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.6088, 0.3419, 0.3440 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(203, 181, 169) }
```

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

```
.border{ border-color:rgb(203, 181, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 181, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 181, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 181, 169);  
box-shadow:4px 4px 4px 4px rgb(203, 181,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6088, 0.3419, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 181, 169) }
```

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

```
.background{ background-color: rgb(203,  
181, 169) }
```

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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