

Converting Colors

$Yxy(50.9894, 0.3404, 0.3384)$

Have a look what the booklet for
Yxy(50.9894, 0.3404, 0.3384)
contains.

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Color

Yxy(50.9709, 0.3408, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	D1B8B0
RGB	209, 184, 176
RGB Percent	82%, 72%, 69%
CMY	0.1804, 0.2784, 0.3099
CMYK	0.00, 0.12, 0.16, 0.18
HSL	15°, 26%, 75%
HSV	15°, 16%, 82%
XYZ	51.2718, 50.9709, 48.2027
YIQ	190.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

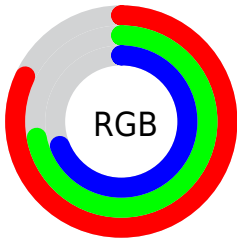
Format	Color
RYB	209, 187, 176
Decimal	13744304
CIELab	76.66, 7.62, 7.33
CIElCh	77, 10.574, 43.903
Yxy	50.9709, 0.3408, 0.3388
Android (android.graphics.Color)	4291934384 (0xFFD1B8B0)
YUV	190.5630, -7.1796, 16.1692
Hunter-Lab	71.3939, 3.2511, 9.9452

Details

The Yxy color $50.9709, 0.3408, 0.3388$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.6012, 0.2885, 0.3190$, and the grayscale version is $51.8701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4064, 0.3277, 0.3369$, and $24.5579, 0.3477, 0.3405$ is the 20% darker color. If you saturate the color by 10%, you get $43.9969, 0.3632, 0.3455$, and if you desaturate by 10%, it is $58.8124, 0.3221, 0.3325$.

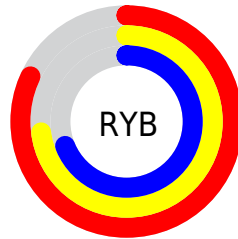
Distribution



Red (82%)

Green (72%)

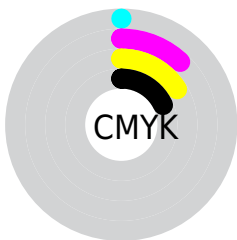
Blue (69%)



Red (82%)

Yellow (73%)

Blue (69%)

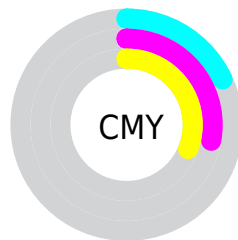


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (18%)



Cyan (18%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9709, 0.3408, 0.3388 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 50.9709, 0.3408, 0.3388 by changing the saturation by 10% instead.


 50.9709, 0.3408,
0.3388

 50.9709, 0.3408,
0.3388


390.4507, 0.3269,
0.3341

 36.1854, 0.3442,
0.3399


 91.6118, 0.3358,
0.3372

 24.5775, 0.3486,
0.3413

118.2360, 0.3339,
0.3365

 15.7625, 0.3544,
0.3430


149.5752, 0.3323,
0.3360

 9.3563, 0.3625,
0.3454

186.0138, 0.3309,
0.3355

 4.9743, 0.3743,
0.3487

227.9363, 0.3297,
0.3351

 2.2322, 0.3934,
0.3534

275.7271, 0.3286,

 0.7375, 0.4634,

0.3347

0.3850

329.7704, 0.3277,
0.3344

0.0000, 0.0000,
0.0000

50.9709, 0.3408,
0.3388

50.9709, 0.3408,
0.3388

43.9969, 0.3632,
0.3455

58.8124, 0.3221,
0.3325

37.8537, 0.3899,
0.3522

67.5431, 0.3065,
0.3266

32.5119, 0.4211,
0.3586

77.1923, 0.2935,
0.3212

27.9377, 0.4567,
0.3640

87.4869, 0.2851,
0.3209

24.0950, 0.4955,
0.3675

92.2964, 0.2855,
0.3289

■ 20.9444, 0.5351,
0.3679

■ 18.4428, 0.5715,
0.3644

■ 16.5412, 0.6004,
0.3569

■ 15.9020, 0.6105,
0.3534

Harmonies

Analogous

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



50.9709, 0.3348, 0.3264



50.9709, 0.3408, 0.3388



50.9709, 0.3390, 0.3490

Triad

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



50.9709, 0.3408, 0.3388



50.9709, 0.3024, 0.3437



50.9709, 0.2952, 0.3048

Complementary

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



50.9709, 0.3408, 0.3388



55.6012, 0.2885, 0.3190

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.



50.9709, 0.2870, 0.3087



50.9709, 0.3408, 0.3388



50.9709, 0.2910, 0.3311

Square

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



50.9709, 0.3408, 0.3388



50.9709, 0.3166, 0.3522



50.9709, 0.2854, 0.3182



50.9709, 0.3083, 0.3071

Rectangle

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



50.9709, 0.3408, 0.3388



50.9709, 0.3338, 0.3531



50.9709, 0.2854, 0.3182



50.9709, 0.2918, 0.3054

Sweetspot

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



50.9732, 0.3408, 0.3388



93.2000, 0.3208, 0.3320



48.8332, 0.3208, 0.2990



19.7503, 0.3220, 0.3325



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.



50.9732, 0.3408, 0.3388



76.0486, 0.3480, 0.3411



58.0928, 0.3378, 0.3579



12.2677, 0.3285, 0.3347



9.9342, 0.6081, 0.3553



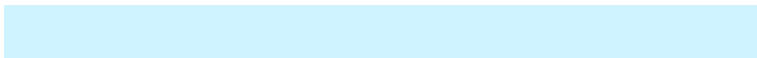
0.6824, 0.5714, 0.3845

Inverse Universe

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



55.6012, 0.2885, 0.3190



84.6635, 0.2834, 0.3166



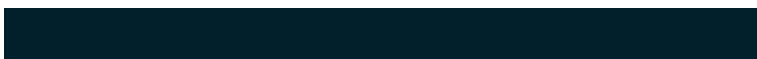
48.4435, 0.2877, 0.2983



12.9004, 0.2983, 0.3232



18.1303, 0.2025, 0.2491



1.1331, 0.2071, 0.2654

Previews

White Background



This preview shows how the Yxy color 50.9709, 0.3408, 0.3388 looks on a white background.

Color Contrast Check

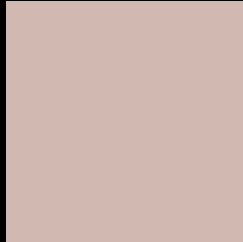
Large Text (above 18pt) WCAG AA × Fail

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 50.9709, 0.3408, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

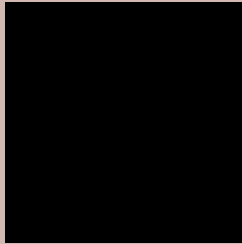
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9709, 0.3408, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 50.9709, 0.3408, 0.3388.



This preview shows how white text looks on a background with the Yxy color 50.9709, 0.3408, 0.3388.

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

50.9709, 0.3408, 0.3388

Protanopia

51.2116, 0.3263, 0.3428

Deuteranopia

50.9986, 0.3436, 0.3375



Tritanopia

50.8368, 0.3272, 0.3124

Trichromacy



Original Color

50.9709, 0.3408, 0.3388

Protanomaly

50.9943, 0.3316, 0.3414

Deuteranomaly

50.8504, 0.3427, 0.3375

Tritanomaly

50.7884, 0.3320, 0.3219

Monochromacy



Original Color

50.9709, 0.3408, 0.3388

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5174, 0.3226, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9709, 0.3408, 0.3388 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(209, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 176)  
}
```

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(209, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.9709, 0.3408, 0.3388 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(209, 184, 176) }
```

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

```
.border{ border-color:rgb(209, 184, 176) }
```

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

Here you see how a box with a 4 pixel rgb(209, 184, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 184,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9709, 0.3408, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 176) }
```

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

```
.background{ background-color: rgb(209,  
184, 176) }
```

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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