

Converting Colors

$Y_{xy}(49.2912, 0.3211, 0.3368)$

Have a look what the booklet for
Yxy(49.2912, 0.3211, 0.3368)
contains.

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Color

Yxy(49.3602, 0.3208, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	BEBAB4
RGB	190, 186, 180
RGB Percent	75%, 73%, 71%
CMY	0.2549, 0.2706, 0.2942
CMYK	0.00, 0.02, 0.05, 0.25
HSL	36°, 7%, 73%
HSV	36°, 5%, 75%
XYZ	47.0293, 49.3602, 50.2105
YIQ	186.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

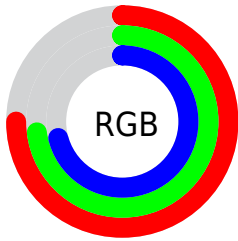
Format	Color
RYB	187, 190, 180
Decimal	12499636
CIELab	75.67, 0.32, 3.54
CIELCh	76, 3.558, 84.849
Yxy	49.3602, 0.3208, 0.3367
Android (android.graphics.Color)	4290689716 (0xFFBEBAB4)
YUV	186.5120, -3.2104, 3.0590
Hunter-Lab	70.2568, -3.4632, 6.8070

Details

The Yxy color **49.3602, 0.3208, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6808, 0.3047, 0.3212**, and the grayscale version is **49.4215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1532, 0.3190, 0.3350**, and **23.6257, 0.3237, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **45.5390, 0.3375, 0.3519**, and if you desaturate by 10%, it is **53.4604, 0.3059, 0.3223**.

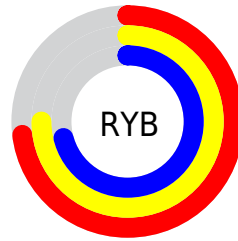
Distribution



Red (75%)

Green (73%)

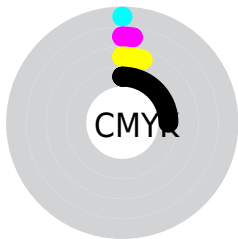
Blue (71%)



Red (73%)

Yellow (75%)

Blue (71%)

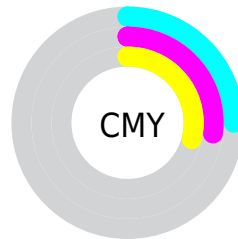


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3602, 0.3208, 0.3367 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 49.3602, 0.3208, 0.3367 by changing the saturation by 10% instead.

■ 49.3602, 0.3208,
0.3367

■ 49.3602, 0.3208,
0.3367

384.1586, 0.3168,
0.3329

■ 34.9053, 0.3218,
0.3376

■ 89.2262, 0.3194,
0.3353

■ 23.5899, 0.3231,
0.3388

115.4061, 0.3188,
0.3348

■ 15.0297, 0.3247,
0.3404

146.2631, 0.3183,
0.3344

■ 8.8402, 0.3271,
0.3426

182.1816, 0.3179,
0.3340

■ 4.6371, 0.3305,
0.3459

223.5460, 0.3176,
0.3337

■ 2.0360, 0.3361,
0.3512

270.7407, 0.3173,

■ 0.6282, 0.3623,

0.3334

0.3763

324.1501, 0.3170,
0.3331

0.0000, 0.0000,
0.0000

49.3602, 0.3208,
0.3367

49.3602, 0.3208,
0.3367

45.5390, 0.3375,
0.3519

53.4604, 0.3059,
0.3223

41.9834, 0.3561,
0.3677

57.8396, 0.2927,
0.3089

38.6884, 0.3765,
0.3836

62.5063, 0.2810,
0.2965

35.6464, 0.3984,
0.3991

67.4043, 0.2713,
0.2861

32.8491, 0.4213,
0.4132

71.3729, 0.2721,
0.2947

■ 30.2879, 0.4445,
0.4248

■ 75.5222, 0.2728,
0.3032

■ 27.9531, 0.4667,
0.4328

■ 79.8543, 0.2736,
0.3116

■ 25.8340, 0.4869,
0.4361

■ 84.3716, 0.2744,
0.3198

■ 23.9181, 0.5039,
0.4342

■ 89.0761, 0.2751,
0.3279

Harmonies

Analogous

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



49.3602, 0.3223, 0.3339



49.3602, 0.3208, 0.3367



49.3602, 0.3171, 0.3375

Triad

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



49.3602, 0.3208, 0.3367



49.3602, 0.3043, 0.3282



49.3602, 0.3131, 0.3222

Complementary

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



49.3602, 0.3208, 0.3367



47.6808, 0.3047, 0.3212

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.



49.3602, 0.3083, 0.3207



49.3602, 0.3208, 0.3367



49.3602, 0.3032, 0.3241

Square

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



49.3602, 0.3208, 0.3367



49.3602, 0.3076, 0.3325



49.3602, 0.3047, 0.3213



49.3602, 0.3178, 0.3256

Rectangle

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



49.3602, 0.3208, 0.3367



49.3602, 0.3140, 0.3367



49.3602, 0.3047, 0.3213



49.3602, 0.3114, 0.3215

Sweetspot

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



49.3623, 0.3208, 0.3367



91.8090, 0.3158, 0.3319



47.0362, 0.3181, 0.3239



20.1768, 0.3156, 0.3318



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



49.3623, 0.3208, 0.3367



88.8677, 0.3221, 0.3379



50.9391, 0.3196, 0.3417



10.7049, 0.3228, 0.3386



15.4998, 0.5098, 0.4334



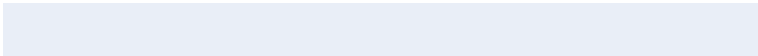
0.7317, 0.4827, 0.4549

Inverse Universe

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



47.6808, 0.3047, 0.3212



85.3682, 0.3035, 0.3199



46.1671, 0.3057, 0.3160



10.2522, 0.3028, 0.3192



6.0160, 0.1688, 0.1277



0.3640, 0.1825, 0.1768

Previews

White Background



This preview shows how the Yxy color 49.3602, 0.3208, 0.3367 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 49.3602, 0.3208, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

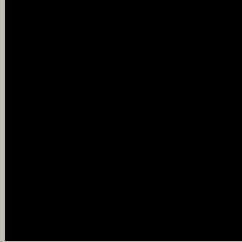
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

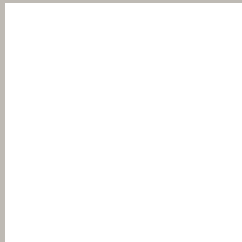
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3602, 0.3208, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 49.3602, 0.3208, 0.3367.



This preview shows how white text looks on a background with the Yxy color 49.3602, 0.3208, 0.3367.

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

49.3602, 0.3208, 0.3367

Protanopia

49.4895, 0.3216, 0.3366

Deuteranopia

49.1005, 0.3346, 0.3278



Tritanopia

49.2816, 0.3094, 0.3104

Trichromacy



Original Color

49.3602, 0.3208, 0.3367

Protanomaly

49.4895, 0.3216, 0.3366

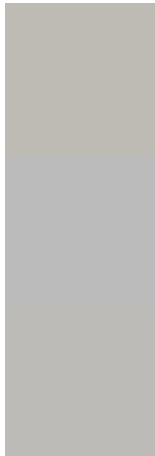
Deuteranomaly

49.0715, 0.3291, 0.3303

Tritanomaly

49.2490, 0.3140, 0.3202

Monochromacy



Original Color

49.3602, 0.3208, 0.3367

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6927, 0.3159, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3602, 0.3208, 0.3367 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(190, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(190, 186, 180)  
}
```

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(190, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 186, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.3602, 0.3208, 0.3367 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(190, 186, 180) }
```

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

```
.border{ border-color:rgb(190, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(190, 186,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3602, 0.3208, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 186, 180) }
```

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

```
.background{ background-color: rgb(190,  
186, 180) }
```

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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