

Converting Colors

Yxy(49.0339, 0.3207, 0.3194)

Have a look what the booklet for
Yxy(49.0339, 0.3207, 0.3194)
contains.

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Color

Yxy(49.1358, 0.3208, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	C6B6BD
RGB	198, 182, 189
RGB Percent	78%, 71%, 74%
CMY	0.2236, 0.2862, 0.2589
CMYK	0.00, 0.08, 0.05, 0.22
HSL	334°, 12%, 75%
HSV	334°, 8%, 78%
XYZ	49.1971, 49.1358, 55.0247
YIQ	187.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

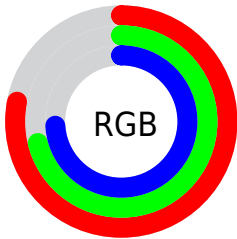
Format	Color
R _Y B	198, 182, 189
Decimal	13022909
CIE Lab	75.54, 6.90, -1.48
CIE LCh	76, 7.063, 347.864
Yxy	49.1358, 0.3208, 0.3204
Android (android.graphics.Color)	4291212989 (0xFFC6B6BD)
YUV	187.5820, 0.6991, 9.1366
Hunter-Lab	70.0969, 2.6096, 2.5264

Details

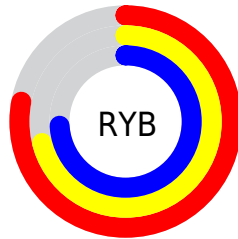
The Yxy color $49.1358, 0.3208, 0.3204$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.0900, 0.3053, 0.3378$, and the grayscale version is $50.0325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0016, 0.3197, 0.3222$, and $23.4074, 0.3226, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $41.1270, 0.3327, 0.3092$, and if you desaturate by 10%, it is $58.3327, 0.3110, 0.3310$.

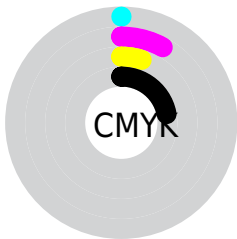
Distribution



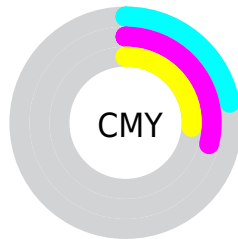
- Red (78%)
- Green (71%)
- Blue (74%)



- Red (78%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1358, 0.3208, 0.3204 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 49.1358, 0.3208, 0.3204 by changing the saturation by 10% instead.


 49.1358, 0.3208,
0.3204

 49.1358, 0.3208,
0.3204

383.2767, 0.3168,
0.3246

 34.7272, 0.3218,
0.3194


 88.8931, 0.3194,
0.3219

 23.4528, 0.3230,
0.3180


115.0106, 0.3188,
0.3225

 14.9282, 0.3247,
0.3163

145.7999, 0.3184,
0.3230

 8.7690, 0.3270,
0.3139

181.6454, 0.3180,
0.3234

 4.5908, 0.3304,
0.3103

222.9314, 0.3176,
0.3238

 2.0093, 0.3359,
0.3046

270.0423, 0.3173,

 0.6128, 0.3518,

0.3241

0.2870

323.3626, 0.3170,
0.3244

0.0000, 0.0000,
0.0000

49.1358, 0.3208,
0.3204

49.1358, 0.3208,
0.3204

41.1270, 0.3327,
0.3092

58.3327, 0.3110,
0.3310

34.2512, 0.3472,
0.2975

68.7570, 0.3029,
0.3408

28.4584, 0.3644,
0.2859

80.4544, 0.2962,
0.3499

23.6924, 0.3848,
0.2748

89.4421, 0.2905,
0.3518

19.8920, 0.4083,
0.2652

90.1025, 0.2846,
0.3397

■ 16.9892, 0.4347,
0.2583

■ 90.7437, 0.2794,
0.3289

■ 14.9073, 0.4629,
0.2553

■ 13.5562, 0.4914,
0.2573

■ 12.8006, 0.5187,
0.2644

Harmonies

Analogous

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



49.1358, 0.3111, 0.3146



49.1358, 0.3208, 0.3204



49.1358, 0.3284, 0.3285

Triad

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



49.1358, 0.3208, 0.3204



49.1358, 0.3234, 0.3460



49.1358, 0.2940, 0.3208

Complementary

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



49.1358, 0.3208, 0.3204



54.0900, 0.3053, 0.3378

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.



49.1358, 0.2972, 0.3293



49.1358, 0.3208, 0.3204



49.1358, 0.3141, 0.3440

Square

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



49.1358, 0.3208, 0.3204



49.1358, 0.3299, 0.3433



49.1358, 0.3046, 0.3379



49.1358, 0.2957, 0.3147

Rectangle

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



49.1358, 0.3208, 0.3204



49.1358, 0.3312, 0.3341



49.1358, 0.3046, 0.3379



49.1358, 0.2946, 0.3234

Sweetspot

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



49.1379, 0.3208, 0.3204



96.6053, 0.3146, 0.3269



48.5875, 0.3076, 0.3091



20.7131, 0.3145, 0.3270



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.



49.1379, 0.3208, 0.3204



83.9044, 0.3231, 0.3181



49.1706, 0.3264, 0.3300



10.7125, 0.3222, 0.3190



8.2654, 0.5206, 0.2642



0.4059, 0.4687, 0.2355

Inverse Universe

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



49.1379, 0.3208, 0.3204



83.9044, 0.3231, 0.3181



54.0401, 0.3004, 0.3280



10.7125, 0.3222, 0.3190



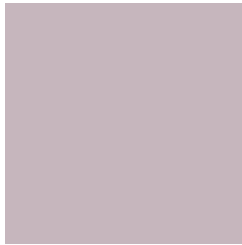
8.2654, 0.5206, 0.2642



0.4059, 0.4687, 0.2355

Previews

White Background



This preview shows how the Yxy color 49.1358, 0.3208, 0.3204 looks on a white background.

Color Contrast Check

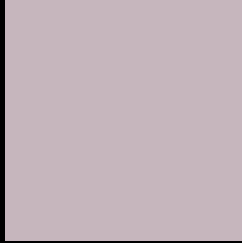
Large Text (above 18pt) WCAG AA × Fail

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 49.1358, 0.3208, 0.3204 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

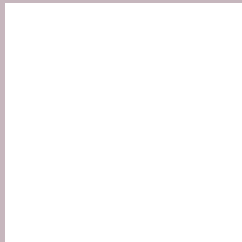
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1358, 0.3208, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 49.1358, 0.3208, 0.3204.



This preview shows how white text looks on a background with the Yxy color 49.1358, 0.3208, 0.3204.

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

49.1358, 0.3208, 0.3204

Protanopia

49.1509, 0.3106, 0.3214

Deuteranopia

49.0131, 0.3253, 0.3180



Tritanopia

49.1300, 0.3169, 0.3119

Trichromacy



Original Color

49.1358, 0.3208, 0.3204

Protanomaly

49.2052, 0.3147, 0.3215

Deuteranomaly

49.1394, 0.3235, 0.3192

Tritanomaly

49.0401, 0.3185, 0.3143

Monochromacy



Original Color

49.1358, 0.3208, 0.3204

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.9551, 0.3162, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1358, 0.3208, 0.3204 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(198, 182, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 189)  
}
```

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(198, 182, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.1358, 0.3208, 0.3204 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(198, 182, 189) }
```

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

```
.border{ border-color:rgb(198, 182, 189) }
```

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

Here you see how a box with a 4 pixel rgb(198, 182, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 189);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1358, 0.3208, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 189) }
```

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

```
.background{ background-color: rgb(198,  
182, 189) }
```

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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