

Converting Colors

$Y_{xy}(45.9848, 0.3201, 0.3274)$

Have a look what the booklet for
Yxy(45.9848, 0.3201, 0.3274)
contains.

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Color

Yxy(45.8274, 0.3198, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	BCB2B4
RGB	188, 178, 180
RGB Percent	74%, 70%, 71%
CMY	0.2627, 0.3020, 0.2940
CMYK	0.00, 0.05, 0.04, 0.26
HSL	348°, 7%, 72%
HSV	348°, 5%, 74%
XYZ	44.9007, 45.8274, 49.6744
YIQ	181.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

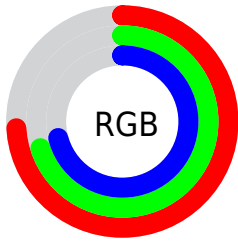
Format	Color
RYB	188, 178, 180
Decimal	12366516
CIELab	73.43, 3.92, 0.23
CIELCh	73, 3.929, 3.369
Yxy	45.8274, 0.3198, 0.3264
Android (android.graphics.Color)	4290556596 (0xFFBCB2B4)
YUV	181.2180, -0.6005, 5.9478
Hunter-Lab	67.6959, -0.0740, 3.8809

Details

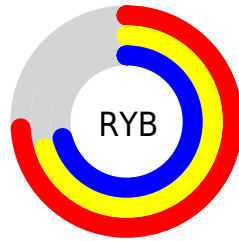
The Yxy color $45.8274, 0.3198, 0.3264$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.9778, 0.3061, 0.3316$, and the grayscale version is $46.3357, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1349, 0.3182, 0.3270$, and $21.3504, 0.3225, 0.3255$ is the 20% darker color. If you saturate the color by 10%, you get $38.2752, 0.3355, 0.3213$, and if you desaturate by 10%, it is $54.4749, 0.3071, 0.3312$.

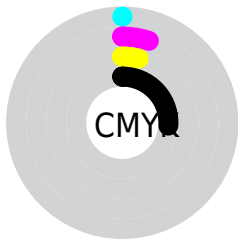
Distribution



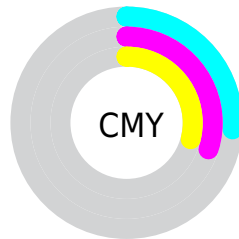
- Red (74%)
- Green (70%)
- Blue (71%)



- Red (74%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.8274, 0.3198, 0.3264 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 45.8274, 0.3198, 0.3264 by changing the saturation by 10% instead.

■ 45.8274, 0.3198,
0.3264

■ 45.8274, 0.3198,
0.3264

370.1143, 0.3162,
0.3277

■ 32.1096, 0.3207,
0.3261

■ 83.9606, 0.3185,
0.3269

■ 21.4453, 0.3218,
0.3256

109.1449, 0.3180,
0.3271

■ 13.4499, 0.3234,
0.3251

138.9201, 0.3176,
0.3272

■ 7.7390, 0.3255,
0.3243

173.6707, 0.3173,
0.3273

■ 3.9284, 0.3288,
0.3230

213.7810, 0.3170,
0.3275

■ 1.6336, 0.3343,
0.3210

259.6354, 0.3167,

■ 0.3801, 0.3701,

0.3276

0.3078

311.6184, 0.3165,
0.3276

0.0000, 0.0000,
0.0000

45.8274, 0.3198,
0.3264

45.8274, 0.3198,
0.3264

38.2752, 0.3355,
0.3213

54.4749, 0.3071,
0.3312

31.7689, 0.3548,
0.3158

64.2529, 0.2968,
0.3356

26.2640, 0.3785,
0.3104

75.2023, 0.2884,
0.3396

21.7105, 0.4072,
0.3052

87.3601, 0.2815,
0.3432

18.0543, 0.4411,
0.3009

89.4295, 0.2742,
0.3289

■ 15.2354, 0.4795,
0.2983

■ 89.4320, 0.2742,
0.3289

■ 13.1869, 0.5205,
0.2983

■ 11.8312, 0.5601,
0.3017

■ 11.0736, 0.5937,
0.3085

Harmonies

Analogous

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



45.8274, 0.3147, 0.3222



45.8274, 0.3198, 0.3264



45.8274, 0.3230, 0.3313

Triad

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



45.8274, 0.3198, 0.3264



45.8274, 0.3162, 0.3384



45.8274, 0.3022, 0.3223

Complementary

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



45.8274, 0.3198, 0.3264



48.9778, 0.3061, 0.3316

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.



45.8274, 0.3026, 0.3266



45.8274, 0.3198, 0.3264



45.8274, 0.3107, 0.3359

Square

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



45.8274, 0.3198, 0.3264



45.8274, 0.3209, 0.3382



45.8274, 0.3057, 0.3316



45.8274, 0.3046, 0.3199

Rectangle

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



45.8274, 0.3198, 0.3264



45.8274, 0.3236, 0.3343



45.8274, 0.3057, 0.3316



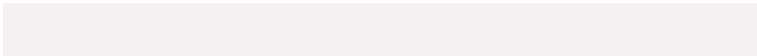
45.8274, 0.3020, 0.3236

Sweetspot

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



45.8294, 0.3198, 0.3264



87.9849, 0.3153, 0.3280



45.8907, 0.3115, 0.3162



18.9552, 0.3152, 0.3281



95.5105, 0.3127, 0.3290



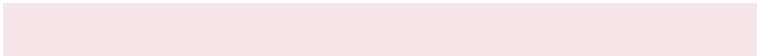
19.5994, 0.3127, 0.3290

Same Dimension

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



45.8294, 0.3198, 0.3264



81.9210, 0.3209, 0.3260



46.8870, 0.3212, 0.3327



10.0587, 0.3215, 0.3258



7.3839, 0.6042, 0.3102



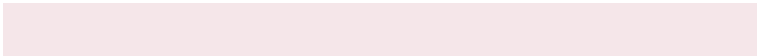
0.2987, 0.5382, 0.2739

Inverse Universe

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



45.8294, 0.3198, 0.3264



81.9210, 0.3209, 0.3260



47.8654, 0.3046, 0.3253



10.0587, 0.3215, 0.3258



7.3839, 0.6042, 0.3102



0.2987, 0.5382, 0.2739

Previews

White Background



This preview shows how the Yxy color 45.8274, 0.3198, 0.3264 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 45.8274, 0.3198, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

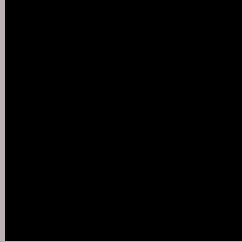
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

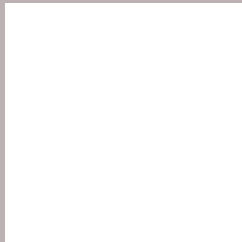
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.8274, 0.3198, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 45.8274, 0.3198, 0.3264.

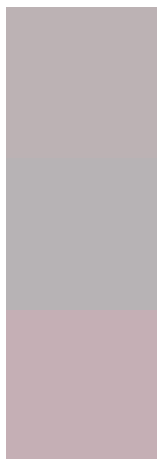


This preview shows how white text looks on a background with the Yxy color 45.8274, 0.3198, 0.3264.

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

45.8274, 0.3198, 0.3264

Protanopia

45.6437, 0.3146, 0.3264

Deuteranopia

45.8665, 0.3273, 0.3215



Tritanopia

45.7155, 0.3135, 0.3112

Trichromacy



Original Color

45.8274, 0.3198, 0.3264

Protanomaly

45.8907, 0.3163, 0.3264

Deuteranomaly

45.8562, 0.3245, 0.3227

Tritanomaly

45.8083, 0.3159, 0.3175

Monochromacy



Original Color

45.8274, 0.3198, 0.3264

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1691, 0.3154, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8274, 0.3198, 0.3264 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(188, 178, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 178, 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(188, 178, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 178, 180) }
```

Border

The CSS property to change the border of an element to Yxy 45.8274, 0.3198, 0.3264 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(188, 178, 180) }
```

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

```
.border{ border-color:rgb(188, 178, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 178, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 178, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 178, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 178,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8274, 0.3198, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 178, 180) }
```

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

```
.background{ background-color: rgb(188,  
178, 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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