

Converting Colors

$Yxy(48.4303, 0.3212, 0.3267)$

Have a look what the booklet for
Yxy(48.4303, 0.3212, 0.3267)
contains.

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Color

Yxy(48.3859, 0.3214, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C2B6B8
RGB	194, 182, 184
RGB Percent	76%, 71%, 72%
CMY	0.2392, 0.2863, 0.2784
CMYK	0.00, 0.06, 0.05, 0.24
HSL	350°, 9%, 74%
HSV	350°, 6%, 76%
XYZ	47.6301, 48.3859, 52.1797
YIQ	185.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

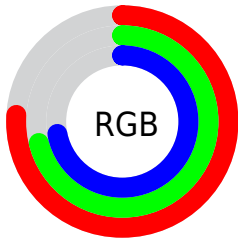
Format	Color
RYB	194, 182, 184
Decimal	12760760
CIELab	75.07, 4.61, 0.50
CIElCh	75, 4.641, 6.217
Yxy	48.3859, 0.3214, 0.3265
Android (android.graphics.Color)	4290950840 (0xFFC2B6B8)
YUV	185.8160, -0.8953, 7.1774
Hunter-Lab	69.5600, 0.4951, 4.2162

Details

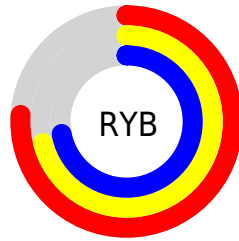
The Yxy color `48.3859, 0.3214, 0.3265` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.3394, 0.3047, 0.3315`, and the grayscale version is `48.9988, 0.3127, 0.3290`.

A 20% lighter version of the original color is `87.9496, 0.3201, 0.3271`, and `22.9147, 0.3235, 0.3256` is the 20% darker color. If you saturate the color by 10%, you get `40.3447, 0.3381, 0.3222`, and if you desaturate by 10%, it is `57.6096, 0.3079, 0.3305`.

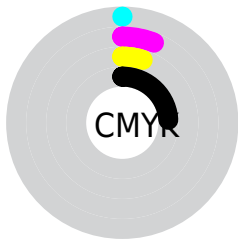
Distribution



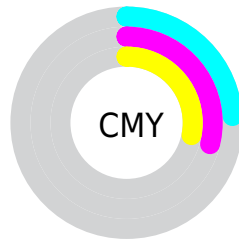
- Red (76%)
- Green (71%)
- Blue (72%)



- Red (76%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (24%)





- Cyan (24%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3859, 0.3214, 0.3265 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 48.3859, 0.3214, 0.3265 by changing the saturation by 10% instead.


 48.3859, 0.3214,
0.3265

 48.3859, 0.3214,
0.3265


380.3197, 0.3171,
0.3278

 34.1326, 0.3225,
0.3262


 87.7787, 0.3198,
0.3270

 22.9955, 0.3238,
0.3258


113.6870, 0.3192,
0.3271

 14.5902, 0.3257,
0.3252


144.2490, 0.3187,
0.3273

 8.5323, 0.3282,
0.3245

179.8492, 0.3183,
0.3274

 4.4374, 0.3320,
0.3234

220.8720, 0.3180,
0.3275

 1.9211, 0.3382,
0.3215

267.7018, 0.3176,

 0.5610, 0.3623,

0.3276

0.3147

320.7229, 0.3173,
0.3277

0.0000, 0.0000,
0.0000

48.3859, 0.3214,
0.3265

48.3859, 0.3214,
0.3265

40.3447, 0.3381,
0.3222

57.6096, 0.3079,
0.3305

33.4322, 0.3588,
0.3178

68.0545, 0.2970,
0.3341

27.5996, 0.3841,
0.3133

79.7651, 0.2881,
0.3374

22.7922, 0.4149,
0.3091

89.8083, 0.2805,
0.3356

18.9505, 0.4511,
0.3058

90.2107, 0.2773,
0.3289

■ 16.0089, 0.4918,
0.3040

■ 13.8934, 0.5344,
0.3047

■ 12.5183, 0.5743,
0.3083

■ 11.7748, 0.6063,
0.3146

Harmonies

Analogous

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



48.3859, 0.3157, 0.3216



48.3859, 0.3214, 0.3265



48.3859, 0.3248, 0.3321

Triad

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



48.3859, 0.3214, 0.3265



48.3859, 0.3162, 0.3397



48.3859, 0.3006, 0.3209

Complementary

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



48.3859, 0.3214, 0.3265



52.3394, 0.3047, 0.3315

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.



48.3859, 0.3008, 0.3257



48.3859, 0.3214, 0.3265



48.3859, 0.3097, 0.3367

Square

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



48.3859, 0.3214, 0.3265



48.3859, 0.3218, 0.3399



48.3859, 0.3041, 0.3315



48.3859, 0.3037, 0.3183

Rectangle

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



48.3859, 0.3214, 0.3265



48.3859, 0.3253, 0.3356



48.3859, 0.3041, 0.3315



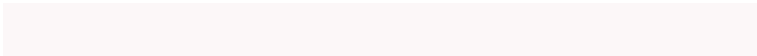
48.3859, 0.3003, 0.3223

Sweetspot

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



48.3880, 0.3214, 0.3265



94.3391, 0.3154, 0.3282



48.5333, 0.3116, 0.3140



20.6954, 0.3153, 0.3282



0.0000, 0.0000, 0.0000



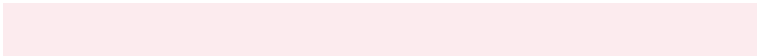
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3880, 0.3214, 0.3265



86.2267, 0.3228, 0.3261



49.8834, 0.3226, 0.3338



10.4511, 0.3234, 0.3260



7.6191, 0.6136, 0.3154



0.3380, 0.5568, 0.2841

Inverse Universe

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



48.3880, 0.3214, 0.3265



86.2267, 0.3228, 0.3261



50.7576, 0.3033, 0.3242



10.4511, 0.3234, 0.3260



7.6191, 0.6136, 0.3154



0.3380, 0.5568, 0.2841

Previews

White Background



This preview shows how the Yxy color 48.3859, 0.3214, 0.3265 looks on a white background.

Color Contrast Check

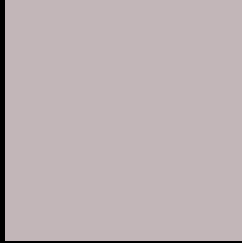
Large Text (above 18pt) WCAG AA × Fail

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 48.3859, 0.3214, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

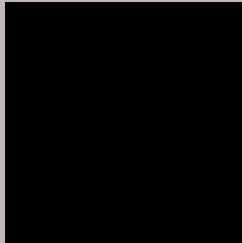
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

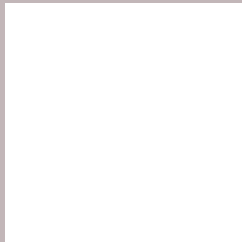
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3859, 0.3214, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 48.3859, 0.3214, 0.3265.

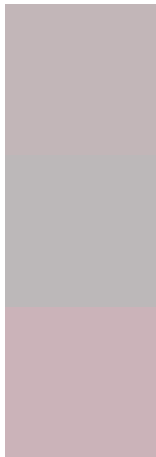


This preview shows how white text looks on a background with the Yxy color 48.3859, 0.3214, 0.3265.

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

48.3859, 0.3214, 0.3265

Protanopia

48.4751, 0.3153, 0.3277

Deuteranopia

48.4395, 0.3288, 0.3217



Tritanopia

48.3184, 0.3144, 0.3105

Trichromacy



Original Color

48.3859, 0.3214, 0.3265

Protanomaly

48.3169, 0.3171, 0.3265

Deuteranomaly

48.4247, 0.3260, 0.3229

Tritanomaly

48.4114, 0.3167, 0.3166

Monochromacy



Original Color

48.3859, 0.3214, 0.3265

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.0195, 0.3161, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3859, 0.3214, 0.3265 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(194, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 184)  
}
```

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(194, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.3859, 0.3214, 0.3265 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(194, 182, 184) }
```

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

```
.border{ border-color:rgb(194, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3859, 0.3214, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 184) }
```

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

```
.background{ background-color: rgb(194,  
182, 184) }
```

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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