

Converting Colors

$Yxy(48.6940, 0.3065, 0.3201)$

Have a look what the booklet for
Yxy(48.6940, 0.3065, 0.3201)
contains.

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Color

Yxy(48.6940, 0.3065, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	B8B9C0
RGB	184, 185, 192
RGB Percent	72%, 73%, 75%
CMY	0.2785, 0.2745, 0.2471
CMYK	0.04, 0.04, 0.00, 0.25
HSL	232°, 6%, 74%
HSV	232°, 4%, 75%
XYZ	46.6252, 48.6940, 56.8021
YIQ	185.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

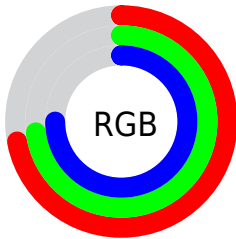
Format	Color
RYB	184, 185, 192
Decimal	12106176
CIELab	75.26, 0.97, -3.66
CIElCh	75, 3.783, 284.848
Yxy	48.6940, 0.3065, 0.3201
Android (android.graphics.Color)	4290296256 (0xFFB8B9C0)
YUV	185.4990, 3.2050, -1.3146
Hunter-Lab	69.7811, -2.8498, 0.5845

Details

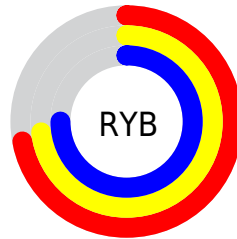
The Yxy color **48.6940, 0.3065, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9053, 0.3189, 0.3377**, and the grayscale version is **48.7901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2132, 0.3079, 0.3220**, and **23.1919, 0.3043, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **39.8946, 0.2904, 0.2967**, and if you desaturate by 10%, it is **58.6420, 0.3209, 0.3406**.

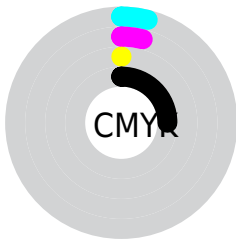
Distribution



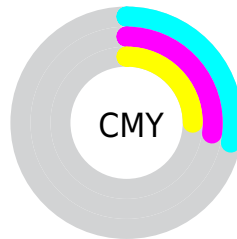
- Red (72%)
- Green (73%)
- Blue (75%)



- Red (72%)
- Yellow (73%)
- Blue (75%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6940, 0.3065, 0.3201 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 48.6940, 0.3065, 0.3201 by changing the saturation by 10% instead.

■ 48.6940, 0.3065,
0.3201

■ 48.6940, 0.3065,
0.3201

■ 381.5364, 0.3096,
0.3245

■ 34.3768, 0.3057,
0.3190

■ 88.2368, 0.3076,
0.3217

■ 23.1832, 0.3048,
0.3176

■ 114.2312, 0.3080,
0.3223

■ 14.7289, 0.3034,
0.3158

■ 144.8868, 0.3084,
0.3228

■ 8.6293, 0.3016,
0.3132

■ 180.5880, 0.3087,
0.3232

■ 4.5002, 0.2990,
0.3094

■ 221.7191, 0.3090,
0.3236

■ 1.9571, 0.2946,
0.3033

■ 268.6647, 0.3092,

■ 0.5824, 0.2817,

0.3240

0.2842

321.8090, 0.3094,
0.3243

0.0000, 0.0000,
0.0000

48.6940, 0.3065,
0.3201

48.6940, 0.3065,
0.3201

39.8946, 0.2904,
0.2967

58.6420, 0.3209,
0.3406

32.1962, 0.2727,
0.2705

69.7715, 0.3337,
0.3585

25.5572, 0.2536,
0.2417

82.1218, 0.3449,
0.3740

19.9310, 0.2336,
0.2108

94.6172, 0.3509,
0.3882

15.2674, 0.2136,
0.1789

96.5852, 0.3502,
0.3910

■ 11.5118, 0.1946,
0.1476

■ 8.6043, 0.1780,
0.1190

■ 6.4773, 0.1649,
0.0949

■ 5.0527, 0.1561,
0.0770

Harmonies

Analogous

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



48.6940, 0.3033, 0.3216



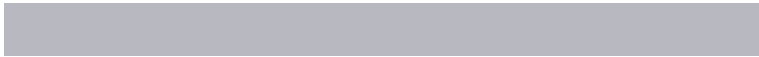
48.6940, 0.3065, 0.3201



48.6940, 0.3113, 0.3210

Triad

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



48.6940, 0.3065, 0.3201



48.6940, 0.3229, 0.3328



48.6940, 0.3088, 0.3341

Complementary

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



48.6940, 0.3065, 0.3201



51.9053, 0.3189, 0.3377

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.



48.6940, 0.3140, 0.3372



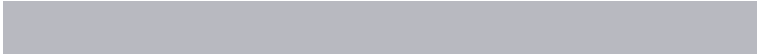
48.6940, 0.3065, 0.3201



48.6940, 0.3222, 0.3364

Square

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



48.6940, 0.3065, 0.3201



48.6940, 0.3208, 0.3283



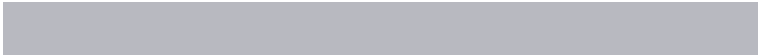
48.6940, 0.3189, 0.3381



48.6940, 0.3047, 0.3297

Rectangle

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



48.6940, 0.3065, 0.3201



48.6940, 0.3149, 0.3228



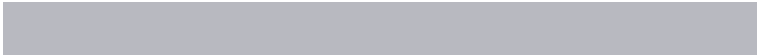
48.6940, 0.3189, 0.3381



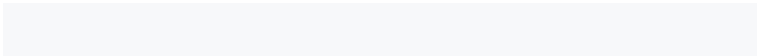
48.6940, 0.3105, 0.3354

Sweetspot

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



48.6961, 0.3065, 0.3201



93.7080, 0.3112, 0.3269



51.6391, 0.3071, 0.3303



20.1229, 0.3113, 0.3270



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.



48.6961, 0.3065, 0.3201



86.7140, 0.3051, 0.3181



48.6313, 0.3090, 0.3189



10.7158, 0.3043, 0.3169



3.0879, 0.1530, 0.0709



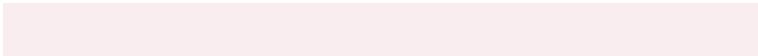
0.2036, 0.1616, 0.1018

Inverse Universe

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



48.9801, 0.3187, 0.3277



87.3418, 0.3200, 0.3274



51.9784, 0.3164, 0.3391



10.8026, 0.3209, 0.3273



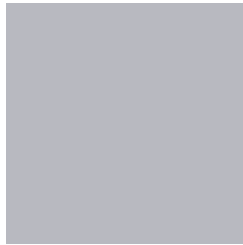
7.5940, 0.6218, 0.3199



0.3352, 0.5731, 0.2931

Previews

White Background



This preview shows how the Yxy color 48.6940, 0.3065, 0.3201 looks on a white background.

Color Contrast Check

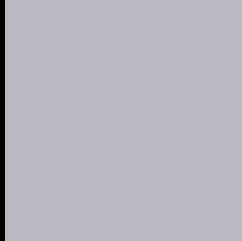
Large Text (above 18pt) WCAG AA × Fail

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 48.6940, 0.3065, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

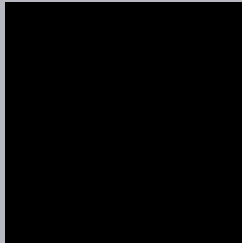
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6940, 0.3065, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 48.6940, 0.3065, 0.3201.



This preview shows how white text looks on a background with the Yxy color 48.6940, 0.3065, 0.3201.

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

48.6940, 0.3065, 0.3201

Protanopia

48.6515, 0.3090, 0.3189

Deuteranopia

48.7721, 0.3195, 0.3131



Tritanopia

48.7188, 0.3021, 0.3101

Trichromacy



Original Color

48.6940, 0.3065, 0.3201

Protanomaly

48.5259, 0.3082, 0.3188

Deuteranomaly

48.7755, 0.3142, 0.3153

Tritanomaly

48.5808, 0.3043, 0.3138

Monochromacy



Original Color

48.6940, 0.3065, 0.3201

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6431, 0.3104, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6940, 0.3065, 0.3201 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(184, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 192)  
}
```

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(184, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.6940, 0.3065, 0.3201 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(184, 185, 192) }
```

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

```
.border{ border-color:rgb(184, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6940, 0.3065, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 192) }
```

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

```
.background{ background-color: rgb(184,  
185, 192) }
```

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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