

Converting Colors

$Yxy(48.6569, 0.3045, 0.3256)$

Have a look what the booklet for
Yxy(48.6569, 0.3045, 0.3256)
contains.

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Color

Yxy(48.7985, 0.3046, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B3BBBD
RGB	179, 187, 189
RGB Percent	70%, 73%, 74%
CMY	0.2982, 0.2666, 0.2588
CMYK	0.05, 0.01, 0.00, 0.26
HSL	192°, 7%, 72%
HSV	192°, 5%, 74%
XYZ	45.5393, 48.7985, 55.1674
YIQ	184.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

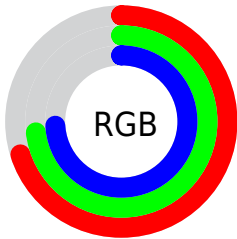
Format	Color
RYB	179, 183, 189
Decimal	11779005
CIELab	75.33, -2.40, -1.98
CIELCh	75, 3.112, 219.615
Yxy	48.7985, 0.3046, 0.3264
Android (android.graphics.Color)	4289969085 (0xFFB3BBBD)
YUV	184.8360, 2.0529, -5.1182
Hunter-Lab	69.8559, -5.8832, 2.0760

Details

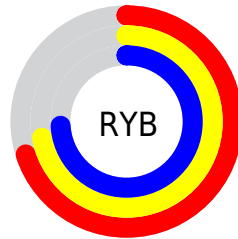
The Yxy color **48.7985, 0.3046, 0.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1009, 0.3213, 0.3316**, and the grayscale version is **48.4084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3559, 0.3064, 0.3270**, and **23.2634, 0.3018, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **45.1314, 0.2895, 0.3211**, and if you desaturate by 10%, it is **52.8200, 0.3199, 0.3312**.

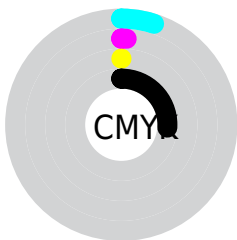
Distribution



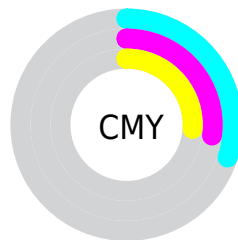
- Red (70%)
- Green (73%)
- Blue (74%)



- Red (70%)
- Yellow (72%)
- Blue (74%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7985, 0.3046, 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 48.7985, 0.3046, 0.3264 by changing the saturation by 10% instead.

■ 48.7985, 0.3046,
0.3264

■ 48.7985, 0.3046,
0.3264

381.9485, 0.3086,
0.3277

■ 34.4597, 0.3036,
0.3261

■ 88.3921, 0.3061,
0.3269

■ 23.2469, 0.3023,
0.3256

114.4157, 0.3066,
0.3271

■ 14.7760, 0.3007,
0.3251

145.1029, 0.3071,
0.3272

■ 8.6623, 0.2983,
0.3243

180.8383, 0.3075,
0.3273

■ 4.5216, 0.2949,
0.3231

222.0061, 0.3078,
0.3275

■ 1.9694, 0.2893,
0.3211

268.9908, 0.3081,

■ 0.5896, 0.2681,

0.3275

0.3149

322.1768, 0.3084,
0.3276

0.0000, 0.0000,
0.0000

48.7985, 0.3046,
0.3264

48.7985, 0.3046,
0.3264

45.1314, 0.2895,
0.3211

52.8200, 0.3199,
0.3312

41.7995, 0.2748,
0.3154

57.2016, 0.3351,
0.3355

38.7915, 0.2609,
0.3093

61.9570, 0.3500,
0.3393

36.0925, 0.2481,
0.3027

67.0970, 0.3646,
0.3426

33.6867, 0.2366,
0.2959

68.9607, 0.3639,
0.3465

■ 31.5566, 0.2267,
0.2888

■ 70.7844, 0.3630,
0.3503

■ 29.6824, 0.2187,
0.2816

■ 72.6513, 0.3620,
0.3541

■ 28.0414, 0.2126,
0.2744

■ 74.5619, 0.3611,
0.3578

■ 26.6058, 0.2083,
0.2673

■ 76.5164, 0.3601,
0.3615

Harmonies

Analogous

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



48.7985, 0.3066, 0.3302



48.7985, 0.3046, 0.3264



48.7985, 0.3048, 0.3233

Triad

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



48.7985, 0.3046, 0.3264



48.7985, 0.3152, 0.3243



48.7985, 0.3184, 0.3363

Complementary

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



48.7985, 0.3046, 0.3264



47.1009, 0.3213, 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.



48.7985, 0.3208, 0.3347



48.7985, 0.3046, 0.3264



48.7985, 0.3189, 0.3278

Square

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



48.7985, 0.3046, 0.3264



48.7985, 0.3108, 0.3221



48.7985, 0.3209, 0.3316



48.7985, 0.3146, 0.3360

Rectangle

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



48.7985, 0.3046, 0.3264



48.7985, 0.3061, 0.3221



48.7985, 0.3209, 0.3316



48.7985, 0.3194, 0.3360

Sweetspot

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



48.8006, 0.3046, 0.3264



89.6873, 0.3096, 0.3280



49.3058, 0.3107, 0.3397



19.3028, 0.3098, 0.3281



95.5105, 0.3127, 0.3290



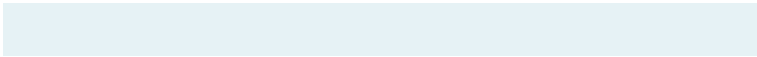
19.5994, 0.3127, 0.3290

Same Dimension

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



48.8006, 0.3046, 0.3264



86.8589, 0.3034, 0.3260



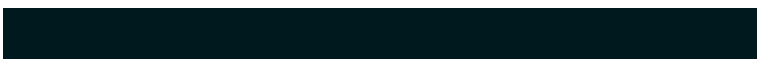
46.7669, 0.3047, 0.3201



10.7125, 0.3027, 0.3258



17.5852, 0.2069, 0.2649



0.7722, 0.2116, 0.2819

Inverse Universe

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



46.6319, 0.3149, 0.3187



82.4365, 0.3153, 0.3172



49.1176, 0.3208, 0.3378



10.1270, 0.3154, 0.3163



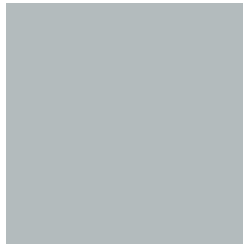
8.8049, 0.3777, 0.1854



0.3533, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 48.7985, 0.3046, 0.3264 looks on a white background.

Color Contrast Check

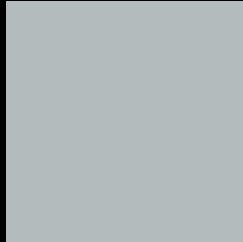
Large Text (above 18pt) WCAG AA × Fail

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 48.7985, 0.3046, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

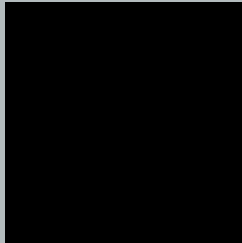
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

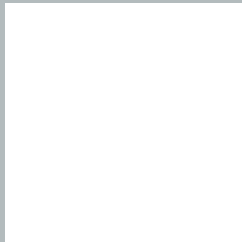
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7985, 0.3046, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 48.7985, 0.3046, 0.3264.

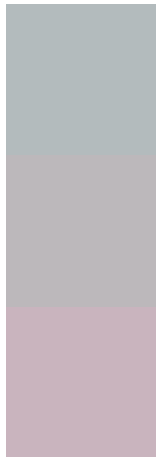


This preview shows how white text looks on a background with the Yxy color 48.7985, 0.3046, 0.3264.

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

48.7985, 0.3046, 0.3264

Protanopia

48.5602, 0.3137, 0.3252

Deuteranopia

48.7777, 0.3228, 0.3168



Tritanopia

48.6918, 0.2981, 0.3099

Trichromacy



Original Color

48.7985, 0.3046, 0.3264

Protanomaly

48.6431, 0.3104, 0.3252

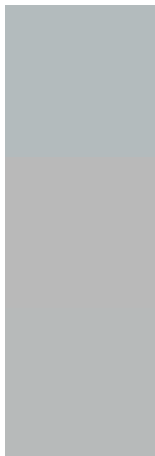
Deuteranomaly

48.9221, 0.3157, 0.3203

Tritanomaly

48.8066, 0.3003, 0.3162

Monochromacy



Original Color

48.7985, 0.3046, 0.3264

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7303, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7985, 0.3046, 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(179, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 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(179, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.7985, 0.3046, 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(179, 187, 189) }
```

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

```
.border{ border-color:rgb(179, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7985, 0.3046, 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(179, 187, 189) }
```

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

```
.background{ background-color: rgb(179,  
187, 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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