

Converting Colors

$Yxy(48.0329, 0.3007, 0.3261)$

Have a look what the booklet for
Yxy(48.0329, 0.3007, 0.3261)
contains.

Yxy(48.2134, 0.3006, 0.3264)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2134, 0.3006, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	AEBBBD
RGB	174, 187, 189
RGB Percent	68%, 73%, 74%
CMY	0.3178, 0.2666, 0.2589
CMYK	0.08, 0.01, 0.00, 0.26
HSL	188°, 10%, 71%
HSV	188°, 8%, 74%
XYZ	44.4024, 48.2134, 55.0968
YIQ	183.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

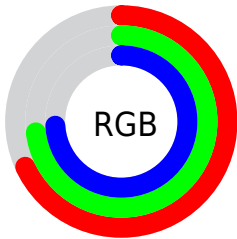
Format	Color
RYB	174, 181, 189
Decimal	11451325
CIELab	74.96, -4.10, -2.55
CIELCh	75, 4.828, 211.854
Yxy	48.2134, 0.3006, 0.3264
Android (android.graphics.Color)	4289641405 (0xFFFAEBBD)
YUV	183.3410, 2.7899, -8.1921
Hunter-Lab	69.4359, -7.3667, 1.5590

Details

The Yxy color **48.2134, 0.3006, 0.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8903, 0.3259, 0.3316**, and the grayscale version is **47.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5168, 0.3032, 0.3269**, and **22.9653, 0.2975, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **45.1580, 0.2858, 0.3229**, and if you desaturate by 10%, it is **51.5962, 0.3159, 0.3296**.

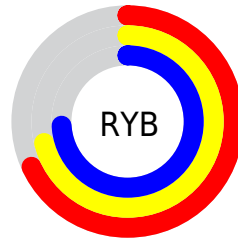
Distribution



Red (68%)

Green (73%)

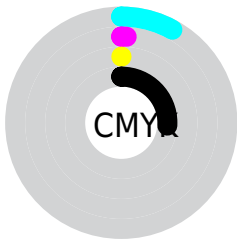
Blue (74%)



Red (68%)

Yellow (71%)

Blue (74%)

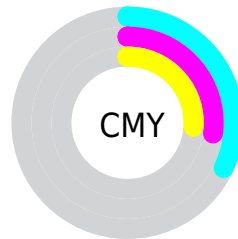


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (32%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2134, 0.3006, 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 48.2134, 0.3006, 0.3264 by changing the saturation by 10% instead.

■ 48.2134, 0.3006,
0.3264

■ 48.2134, 0.3006,
0.3264

■ 379.6374, 0.3066,
0.3277

■ 33.9959, 0.2991,
0.3261

■ 87.5221, 0.3028,
0.3269

■ 22.8905, 0.2972,
0.3256

■ 113.3820, 0.3036,
0.3271

■ 14.5126, 0.2947,
0.3250

■ 143.8916, 0.3043,
0.3272

■ 8.4781, 0.2912,
0.3242

■ 179.4351, 0.3049,
0.3274

■ 4.4023, 0.2860,
0.3229

■ 220.3971, 0.3054,
0.3275

■ 1.9011, 0.2776,
0.3207

■ 267.1619, 0.3059,

■ 0.5490, 0.2414,

0.3276

0.3143

320.1138, 0.3063,
0.3277

0.0000, 0.0000,
0.0000

48.2134, 0.3006,
0.3264

48.2134, 0.3006,
0.3264

45.1580, 0.2858,
0.3229

51.5962, 0.3159,
0.3296

42.4112, 0.2716,
0.3190

55.3123, 0.3313,
0.3326

39.9612, 0.2585,
0.3150

59.3751, 0.3467,
0.3352

37.7935, 0.2467,
0.3107

63.7955, 0.3618,
0.3375

35.8918, 0.2365,
0.3062

65.9430, 0.3656,
0.3399

■ 34.2384, 0.2280,
0.3017

■ 67.0903, 0.3650,
0.3425

■ 32.8133, 0.2214,
0.2971

■ 68.2560, 0.3643,
0.3450

■ 31.5927, 0.2167,
0.2926

■ 69.4404, 0.3637,
0.3475

■ 30.5409, 0.2137,
0.2880

■ 70.6435, 0.3631,
0.3500

Harmonies

Analogous

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



48.2134, 0.3045, 0.3325



48.2134, 0.3006, 0.3264



48.2134, 0.2999, 0.3211

Triad

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



48.2134, 0.3006, 0.3264



48.2134, 0.3148, 0.3206



48.2134, 0.3228, 0.3401

Complementary

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



48.2134, 0.3006, 0.3264



44.8903, 0.3259, 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.



48.2134, 0.3257, 0.3367



48.2134, 0.3006, 0.3264



48.2134, 0.3210, 0.3256

Square

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



48.2134, 0.3006, 0.3264



48.2134, 0.3081, 0.3179



48.2134, 0.3250, 0.3314



48.2134, 0.3173, 0.3404

Rectangle

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



48.2134, 0.3006, 0.3264



48.2134, 0.3014, 0.3188



48.2134, 0.3250, 0.3314



48.2134, 0.3241, 0.3392

Sweetspot

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



48.2154, 0.3006, 0.3264



89.8870, 0.3096, 0.3284



48.5032, 0.3105, 0.3466



19.3435, 0.3098, 0.3284



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.



48.2154, 0.3006, 0.3264



85.1148, 0.2973, 0.3256



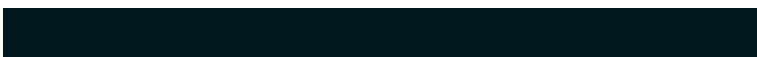
45.1959, 0.3006, 0.3168



10.5912, 0.2985, 0.3259



20.4942, 0.2133, 0.2877



0.8627, 0.2163, 0.2985

Inverse Universe

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



44.6616, 0.3152, 0.3123



77.1181, 0.3160, 0.3075



47.8289, 0.3250, 0.3410



9.6743, 0.3157, 0.3093



9.0986, 0.3564, 0.1737



0.3624, 0.3467, 0.1684

Previews

White Background



This preview shows how the Yxy color 48.2134, 0.3006, 0.3264 looks on a white background.

Color Contrast Check

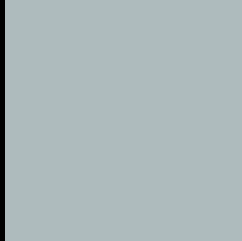
Large Text (above 18pt) WCAG AA × Fail

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 48.2134, 0.3006, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

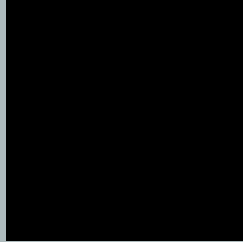
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

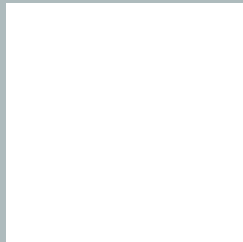
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2134, 0.3006, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 48.2134, 0.3006, 0.3264.

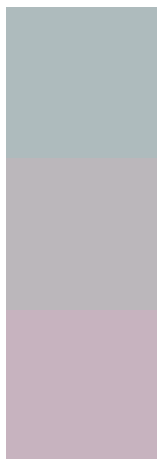


This preview shows how white text looks on a background with the Yxy color 48.2134, 0.3006, 0.3264.

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

48.2134, 0.3006, 0.3264

Protanopia

48.0196, 0.3130, 0.3239

Deuteranopia

48.1439, 0.3203, 0.3142



Tritanopia

48.0982, 0.2941, 0.3097

Trichromacy



Original Color

48.2134, 0.3006, 0.3264

Protanomaly

47.8569, 0.3079, 0.3238

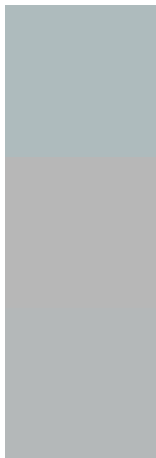
Deuteranomaly

48.1208, 0.3132, 0.3189

Tritanomaly

48.2173, 0.2963, 0.3160

Monochromacy



Original Color

48.2134, 0.3006, 0.3264

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4871, 0.3086, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2134, 0.3006, 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(174, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 187, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.2134, 0.3006, 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(174, 187, 189) }
```

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

```
.border{ border-color:rgb(174, 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(174, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(174, 187,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2134, 0.3006, 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(174, 187, 189) }
```

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

```
.background{ background-color: rgb(174,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor