

Converting Colors

$Yxy(48.9204, 0.3085, 0.3401)$

Have a look what the booklet for
Yxy(48.9204, 0.3085, 0.3401)
contains.

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Color

Yxy(48.9206, 0.3089, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	B0BDB4
RGB	176, 189, 180
RGB Percent	69%, 74%, 71%
CMY	0.3098, 0.2588, 0.2941
CMYK	0.07, 0.00, 0.05, 0.26
HSL	138°, 9%, 72%
HSV	138°, 7%, 74%
XYZ	44.3415, 48.9206, 50.2843
YIQ	184.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

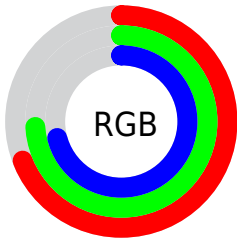
Format	Color
RYB	176, 186, 189
Decimal	11582900
CIELab	75.40, -6.19, 3.00
CIELCh	75, 6.874, 154.149
Yxy	48.9206, 0.3089, 0.3408
Android (android.graphics.Color)	4289772980 (0xFFB0BDB4)
YUV	184.0870, -2.0149, -7.0923
Hunter-Lab	69.9433, -9.2382, 6.3349

Details

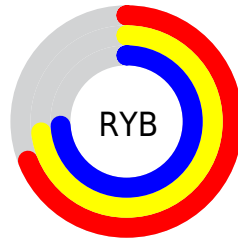
The Yxy color **48.9206, 0.3089, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3768, 0.3168, 0.3175**, and the grayscale version is **47.9983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5167, 0.3097, 0.3382**, and **23.3516, 0.3075, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **46.3617, 0.3034, 0.3598**, and if you desaturate by 10%, it is **51.8408, 0.3144, 0.3240**.

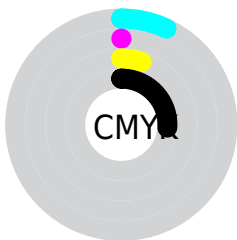
Distribution



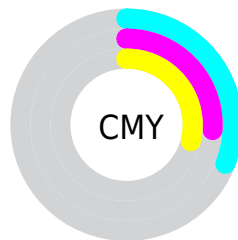
- Red (69%)
- Green (74%)
- Blue (71%)



- Red (69%)
- Yellow (73%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9206, 0.3089, 0.3408 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 48.9206, 0.3089, 0.3408 by changing the saturation by 10% instead.


 48.9206, 0.3089,
0.3408

 48.9206, 0.3089,
0.3408


382.4297, 0.3108,
0.3349

 34.5565, 0.3084,
0.3423


 88.5735, 0.3096,
0.3387

 23.3214, 0.3078,
0.3442


114.6311, 0.3099,
0.3379

 14.8310, 0.3070,
0.3467


145.3553, 0.3101,
0.3372

 8.7009, 0.3058,
0.3502

181.1306, 0.3103,
0.3366

 4.5466, 0.3040,
0.3556

222.3413, 0.3104,
0.3361

 1.9838, 0.3010,
0.3645

269.3717, 0.3106,

 0.5980, 0.2865,

0.3356

0.4104

322.6064, 0.3107,
0.3353

0.0000, 0.0000,
0.0000

48.9206, 0.3089,
0.3408

48.9206, 0.3089,
0.3408

46.3617, 0.3034,
0.3598

51.8408, 0.3144,
0.3240

44.1440, 0.2980,
0.3810

55.1294, 0.3199,
0.3092

42.2545, 0.2931,
0.4043

58.8009, 0.3251,
0.2962

40.6772, 0.2889,
0.4293

62.8672, 0.3301,
0.2850

39.3948, 0.2857,
0.4556

64.2784, 0.3228,
0.2730

■ 38.3879, 0.2838,
0.4821

■ 64.8762, 0.3157,
0.2644

■ 37.6352, 0.2834,
0.5079

■ 37.1116, 0.2847,
0.5317

■ 36.7836, 0.2875,
0.5523

Harmonies

Analogous

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



48.9206, 0.3184, 0.3451



48.9206, 0.3089, 0.3408



48.9206, 0.3005, 0.3332

Triad

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



48.9206, 0.3089, 0.3408



48.9206, 0.2990, 0.3134



48.9206, 0.3304, 0.3330

Complementary

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



48.9206, 0.3089, 0.3408



45.3768, 0.3168, 0.3175

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.



48.9206, 0.3250, 0.3247



48.9206, 0.3089, 0.3408



48.9206, 0.3068, 0.3135

Square

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



48.9206, 0.3089, 0.3408



48.9206, 0.2948, 0.3173



48.9206, 0.3164, 0.3177



48.9206, 0.3310, 0.3404

Rectangle

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



48.9206, 0.3089, 0.3408



48.9206, 0.2966, 0.3274



48.9206, 0.3164, 0.3177



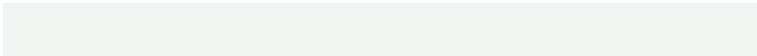
48.9206, 0.3291, 0.3302

Sweetspot

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



48.9227, 0.3089, 0.3408



90.0676, 0.3116, 0.3324



49.8585, 0.3195, 0.3458



19.3804, 0.3116, 0.3322



95.5105, 0.3127, 0.3290



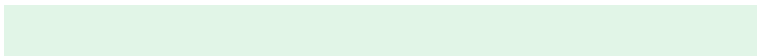
19.5994, 0.3127, 0.3290

Same Dimension

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



48.9227, 0.3089, 0.3408



87.0086, 0.3082, 0.3431



49.1898, 0.3041, 0.3324



10.6966, 0.3075, 0.3453



24.7058, 0.2877, 0.5559



0.9798, 0.2735, 0.5046

Inverse Universe

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



45.3768, 0.3168, 0.3175



79.5632, 0.3175, 0.3153



45.1123, 0.3221, 0.3257



9.6450, 0.3183, 0.3132



8.3954, 0.4159, 0.2065



0.3400, 0.3880, 0.1911

Previews

White Background



This preview shows how the Yxy color 48.9206, 0.3089, 0.3408 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 48.9206, 0.3089, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

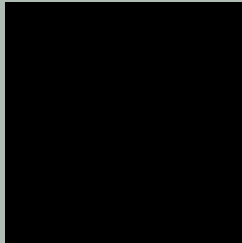
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

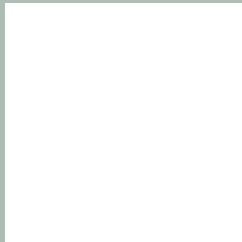
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9206, 0.3089, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 48.9206, 0.3089, 0.3408.



This preview shows how white text looks on a background with the Yxy color 48.9206, 0.3089, 0.3408.

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

48.9206, 0.3089, 0.3408

Protanopia

48.9886, 0.3233, 0.3379

Deuteranopia

48.5967, 0.3330, 0.3254



Tritanopia

48.9186, 0.2958, 0.3099

Trichromacy



Original Color

48.9206, 0.3089, 0.3408

Protanomaly

48.8116, 0.3182, 0.3380

Deuteranomaly

48.6725, 0.3237, 0.3316

Tritanomaly

48.8559, 0.3009, 0.3212

Monochromacy



Original Color

48.9206, 0.3089, 0.3408

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3605, 0.3109, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9206, 0.3089, 0.3408 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(176, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 189, 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(176, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 189, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.9206, 0.3089, 0.3408 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(176, 189, 180) }
```

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

```
.border{ border-color:rgb(176, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(176, 189,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9206, 0.3089, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 189, 180) }
```

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

```
.background{ background-color: rgb(176,  
189, 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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