

Converting Colors

$Yxy(49.0844, 0.3093, 0.3488)$

Have a look what the booklet for
Yxy(49.0844, 0.3093, 0.3488)
contains.

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Color

Yxy(49.2804, 0.3094, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	ADBFB0
RGB	173, 191, 176
RGB Percent	68%, 75%, 69%
CMY	0.3215, 0.2510, 0.3099
CMYK	0.09, 0.00, 0.08, 0.25
HSL	130°, 12%, 71%
HSV	130°, 9%, 75%
XYZ	43.7012, 49.2804, 48.2634
YIQ	183.9080, -5.9130, -8.4810

Conversions

Conversions Part 2

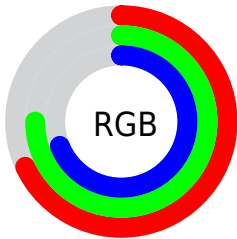
Format	Color
RYB	173, 188, 191
Decimal	11386800
CIELab	75.63, -9.03, 5.48
CIELCh	76, 10.560, 148.725
Yxy	49.2804, 0.3094, 0.3489
Android (android.graphics.Color)	4289576880 (0xFFADBFB0)
YUV	183.9080, -3.8986, -9.5663
Hunter-Lab	70.2000, -11.7294, 8.3773

Details

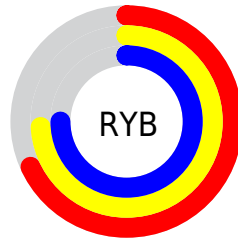
The Yxy color $49.2804, 0.3094, 0.3489$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.6056, 0.3162, 0.3099$, and the grayscale version is $47.9053, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8417, 0.3094, 0.3444$, and $23.6971, 0.3083, 0.3544$ is the 20% darker color. If you saturate the color by 10%, you get $46.6626, 0.3058, 0.3727$, and if you desaturate by 10%, it is $52.2881, 0.3129, 0.3278$.

Distribution



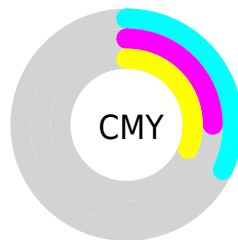
- Red (68%)
- Green (75%)
- Blue (69%)



- Red (68%)
- Yellow (74%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (32%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2804, 0.3094, 0.3489 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 49.2804, 0.3094, 0.3489 by changing the saturation by 10% instead.


 49.2804, 0.3094,
0.3489

 49.2804, 0.3094,
0.3489

383.8451, 0.3111,
0.3389

 34.8420, 0.3090,
0.3514


 89.1078, 0.3100,
0.3453

 23.5412, 0.3084,
0.3546


115.2655, 0.3103,
0.3439

 14.9936, 0.3076,
0.3590


146.0984, 0.3105,
0.3427

 8.8149, 0.3065,
0.3651

181.9910, 0.3106,
0.3418

 4.6206, 0.3047,
0.3742

223.3275, 0.3108,
0.3409

 2.0264, 0.3016,
0.3897

270.4925, 0.3109,

 0.6228, 0.2882,

0.3402

0.4831

323.8702, 0.3110,
0.3395

0.0000, 0.0000,
0.0000

49.2804, 0.3094,
0.3489

49.2804, 0.3094,
0.3489

46.6626, 0.3058,
0.3727

52.2881, 0.3129,
0.3278

44.4127, 0.3023,
0.3993

55.6942, 0.3163,
0.3094

42.5161, 0.2991,
0.4282

59.5148, 0.3195,
0.2934

40.9545, 0.2963,
0.4588

63.7634, 0.3225,
0.2796

39.7083, 0.2942,
0.4899

65.7426, 0.3157,
0.2663

■ 38.7557, 0.2931,
0.5199

■ 38.0720, 0.2931,
0.5468

■ 37.6284, 0.2942,
0.5689

■ 37.3752, 0.2960,
0.5851

Harmonies

Analogous

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



49.2804, 0.3239, 0.3543



49.2804, 0.3094, 0.3489



49.2804, 0.2960, 0.3378

Triad

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



49.2804, 0.3094, 0.3489



49.2804, 0.2901, 0.3057



49.2804, 0.3389, 0.3327

Complementary

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



49.2804, 0.3094, 0.3489



44.6056, 0.3162, 0.3099

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.



49.2804, 0.3295, 0.3203



49.2804, 0.3094, 0.3489



49.2804, 0.3012, 0.3049

Square

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



49.2804, 0.3094, 0.3489



49.2804, 0.2850, 0.3127



49.2804, 0.3156, 0.3102



49.2804, 0.3412, 0.3444

Rectangle

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



49.2804, 0.3094, 0.3489



49.2804, 0.2895, 0.3289



49.2804, 0.3156, 0.3102



49.2804, 0.3365, 0.3284

Sweetspot

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



49.2825, 0.3094, 0.3489



91.6082, 0.3117, 0.3352



51.0108, 0.3243, 0.3520



20.0190, 0.3114, 0.3369



97.7402, 0.3127, 0.3290



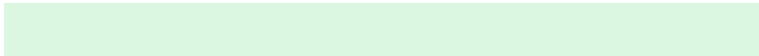
20.4902, 0.3127, 0.3290

Same Dimension

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



49.2825, 0.3094, 0.3489



87.3876, 0.3088, 0.3529



49.6399, 0.3030, 0.3372



10.6744, 0.3094, 0.3487



24.5618, 0.2956, 0.5842



0.9702, 0.2846, 0.5446

Inverse Universe

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



44.6056, 0.3162, 0.3099



77.5635, 0.3169, 0.3062



44.2396, 0.3236, 0.3209



9.6687, 0.3162, 0.3100



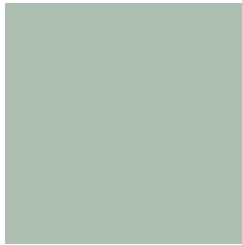
8.9516, 0.3665, 0.1793



0.3579, 0.3539, 0.1723

Previews

White Background



This preview shows how the Yxy color 49.2804, 0.3094, 0.3489 looks on a white background.

Color Contrast Check

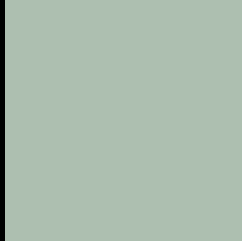
Large Text (above 18pt) WCAG AA × Fail

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 49.2804, 0.3094, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

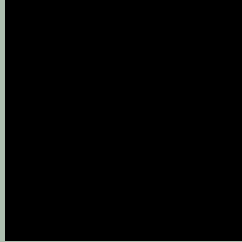
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

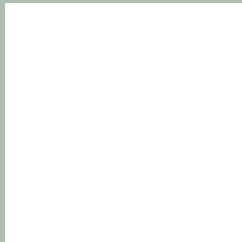
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2804, 0.3094, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 49.2804, 0.3094, 0.3489.



This preview shows how white text looks on a background with the Yxy color 49.2804, 0.3094, 0.3489.

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

49.2804, 0.3094, 0.3489

Protanopia

48.9215, 0.3282, 0.3443

Deuteranopia

49.1223, 0.3380, 0.3315



Tritanopia

49.1520, 0.2935, 0.3099

Trichromacy



Original Color

49.2804, 0.3094, 0.3489

Protanomaly

48.9109, 0.3212, 0.3459

Deuteranomaly

49.0574, 0.3277, 0.3379

Tritanomaly

49.0468, 0.2993, 0.3225

Monochromacy



Original Color

49.2804, 0.3094, 0.3489

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5801, 0.3115, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2804, 0.3094, 0.3489 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(173, 191, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 176)  
}
```

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(173, 191, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 176) }
```

Border

The CSS property to change the border of an element to Yxy 49.2804, 0.3094, 0.3489 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(173, 191, 176) }
```

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

```
.border{ border-color:rgb(173, 191, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2804, 0.3094, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 176) }
```

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

```
.background{ background-color: rgb(173,  
191, 176) }
```

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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