

Converting Colors

$Yxy(48.9794, 0.2788, 0.3355)$

Have a look what the booklet for
Yxy(48.9794, 0.2788, 0.3355)
contains.

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Color

Yxy(48.8589, 0.2794, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	92C3BE
RGB	146, 195, 190
RGB Percent	57%, 76%, 75%
CMY	0.4275, 0.2353, 0.2548
CMYK	0.25, 0.00, 0.03, 0.24
HSL	174°, 29%, 67%
HSV	174°, 25%, 76%
XYZ	40.6648, 48.8589, 56.0196
YIQ	179.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

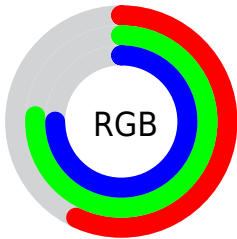
Format	Color
RYB	146, 172, 195
Decimal	9618366
CIELab	75.36, -17.05, -2.74
CIElCh	75, 17.267, 189.117
Yxy	48.8589, 0.2794, 0.3357
Android (android.graphics.Color)	4287808446 (0xFF92C3BE)
YUV	179.7790, 5.0390, -29.6242
Hunter-Lab	69.8991, -18.4786, 1.4123

Details

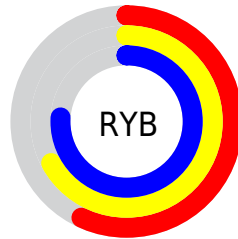
The Yxy color **48.8589, 0.2794, 0.3357** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3913, 0.3598, 0.3225**, and the grayscale version is **45.5018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6921, 0.2855, 0.3353**, and **23.2356, 0.2701, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **47.1378, 0.2679, 0.3387**, and if you desaturate by 10%, it is **50.8900, 0.2921, 0.3329**.

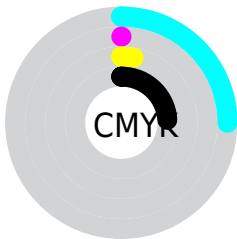
Distribution



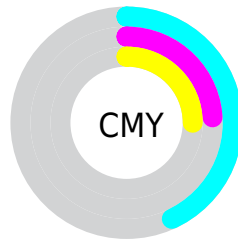
- Red (57%)
- Green (76%)
- Blue (75%)



- Red (57%)
- Yellow (67%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (43%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8589, 0.2794, 0.3357 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 48.8589, 0.2794, 0.3357 by changing the saturation by 10% instead.


 48.8589, 0.2794,
0.3357


 48.8589, 0.2794,
0.3357


382.1866, 0.2958,
0.3325

 34.5076, 0.2754,
0.3364


 88.4819, 0.2853,
0.3346

 23.2838, 0.2702,
0.3374


 114.5223, 0.2876,
0.3342

 14.8032, 0.2635,
0.3385


145.2278, 0.2894,
0.3338

 8.6814, 0.2542,
0.3401

180.9829, 0.2911,
0.3335

 4.5339, 0.2406,
0.3422

222.1719, 0.2925,
0.3332

 1.9765, 0.2190,
0.3452

269.1793, 0.2937,

 0.5938, 0.0938,

0.3329

0.3759

322.3894, 0.2948,
0.3327

0.0000, 0.0000,
0.0000

48.8589, 0.2794,
0.3357

48.8589, 0.2794,
0.3357

47.1378, 0.2679,
0.3387

50.8900, 0.2921,
0.3329

45.7052, 0.2577,
0.3420

53.2394, 0.3056,
0.3303

44.5462, 0.2492,
0.3453

55.9227, 0.3196,
0.3279

43.6424, 0.2426,
0.3487

58.9525, 0.3340,
0.3257

42.9729, 0.2378,
0.3522

62.3407, 0.3484,
0.3238

■ 42.5134, 0.2349,
0.3557

■ 64.5510, 0.3562,
0.3220

■ 42.2346, 0.2338,
0.3591

■ 64.6453, 0.3546,
0.3200

■ 42.1353, 0.2336,
0.3608

■ 64.7407, 0.3530,
0.3179

■ 64.8374, 0.3514,
0.3159

Harmonies

Analogous

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



48.8589, 0.2989, 0.3566



48.8589, 0.2794, 0.3357



48.8589, 0.2688, 0.3137

Triad

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



48.8589, 0.2794, 0.3357



48.8589, 0.3014, 0.2922



48.8589, 0.3578, 0.3593

Complementary

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



48.8589, 0.2794, 0.3357



34.3913, 0.3598, 0.3225

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.



48.8589, 0.3588, 0.3414



48.8589, 0.2794, 0.3357



48.8589, 0.3255, 0.3036

Square

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



48.8589, 0.2794, 0.3357



48.8589, 0.2811, 0.2897



48.8589, 0.3468, 0.3213



48.8589, 0.3444, 0.3700

Rectangle

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



48.8589, 0.2794, 0.3357



48.8589, 0.2679, 0.3018



48.8589, 0.3468, 0.3213



48.8589, 0.3596, 0.3539

Sweetspot

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



48.8609, 0.2794, 0.3357



94.0295, 0.3014, 0.3310



47.7541, 0.3139, 0.3987



20.4478, 0.2994, 0.3314



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



48.8609, 0.2794, 0.3357



85.7958, 0.2731, 0.3373



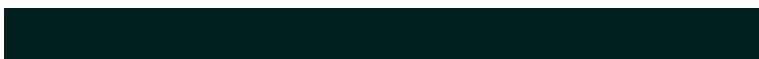
41.1860, 0.2739, 0.3027



11.4103, 0.2998, 0.3313



27.3920, 0.2334, 0.3603



1.1887, 0.2313, 0.3526

Inverse Universe

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



34.3913, 0.3598, 0.3225



55.5888, 0.3735, 0.3211



40.5086, 0.3592, 0.3539



10.0941, 0.3273, 0.3267



7.5791, 0.6268, 0.3226



0.3332, 0.5859, 0.3001

Previews

White Background



This preview shows how the Yxy color 48.8589, 0.2794, 0.3357 looks on a white background.

Color Contrast Check

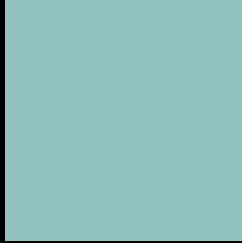
Large Text (above 18pt) WCAG AA × Fail

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 48.8589, 0.2794, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

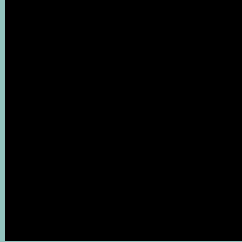
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

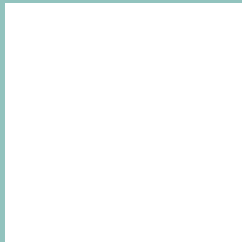
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8589, 0.2794, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 48.8589, 0.2794, 0.3357.



This preview shows how white text looks on a background with the Yxy color 48.8589, 0.2794, 0.3357.

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

48.8589, 0.2794, 0.3357

Protanopia

48.4330, 0.3161, 0.3290

Deuteranopia

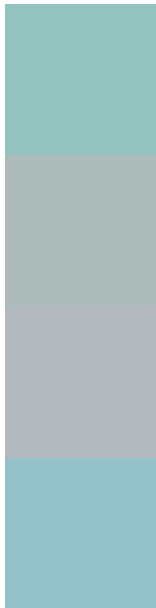
48.2326, 0.3187, 0.3118



Tritanopia

48.7374, 0.2703, 0.3077

Trichromacy



Original Color

48.8589, 0.2794, 0.3357

Protanomaly

48.3958, 0.3020, 0.3316

Deuteranomaly

48.2070, 0.3032, 0.3200

Tritanomaly

48.7465, 0.2742, 0.3182

Monochromacy



Original Color

48.8589, 0.2794, 0.3357

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.4834, 0.2995, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8589, 0.2794, 0.3357 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(146, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 195, 190)  
}
```

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(146, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 195, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.8589, 0.2794, 0.3357 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(146, 195, 190) }
```

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

```
.border{ border-color:rgb(146, 195, 190) }
```

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

Here you see how a box with a 4 pixel rgb(146, 195, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(146, 195,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8589, 0.2794, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 195, 190) }
```

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

```
.background{ background-color: rgb(146,  
195, 190) }
```

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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