

Converting Colors

$Y_{xy}(48.4624, 0.2852, 0.3385)$

Have a look what the booklet for
Yxy(48.4624, 0.2852, 0.3385)
contains.

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Color

Yxy(48.2644, 0.2854, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	97C1BA
RGB	151, 193, 186
RGB Percent	59%, 76%, 73%
CMY	0.4079, 0.2431, 0.2706
CMYK	0.22, 0.00, 0.04, 0.24
HSL	170°, 25%, 67%
HSV	170°, 22%, 76%
XYZ	40.6932, 48.2644, 53.6255
YIQ	179.6440, -22.7850, -11.0810

Conversions

Conversions Part 2

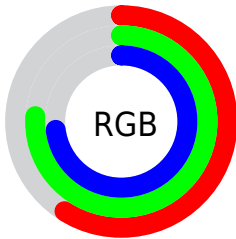
Format	Color
RYB	151, 174, 193
Decimal	9945530
CIELab	74.99, -15.36, -1.06
CIElCh	75, 15.394, 183.953
Yxy	48.2644, 0.2854, 0.3385
Android (android.graphics.Color)	4288135610 (0xFF97C1BA)
YUV	179.6440, 3.1335, -25.1208
Hunter-Lab	69.4726, -17.0215, 2.8652

Details

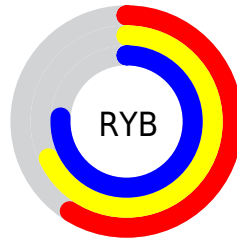
The Yxy color **48.2644, 0.2854, 0.3385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9356, 0.3491, 0.3198**, and the grayscale version is **45.4327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9038, 0.2904, 0.3374**, and **22.8113, 0.2776, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **46.4333, 0.2742, 0.3435**, and if you desaturate by 10%, it is **50.4049, 0.2976, 0.3339**.

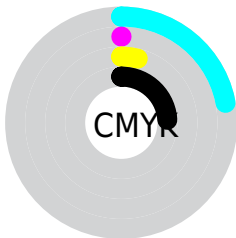
Distribution



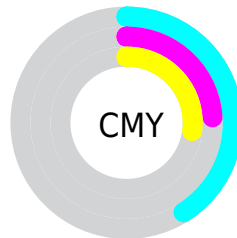
- Red (59%)
- Green (76%)
- Blue (73%)



- Red (59%)
- Yellow (68%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




- Cyan (41%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2644, 0.2854, 0.3385 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 48.2644, 0.2854, 0.3385 by changing the saturation by 10% instead.


 48.2644, 0.2854,
0.3385

 48.2644, 0.2854,
0.3385


379.8392, 0.2989,
0.3338

 34.0363, 0.2821,
0.3396

 87.5979, 0.2903,
0.3368

 22.9215, 0.2778,
0.3411


 113.4722, 0.2921,
0.3362

 14.5356, 0.2721,
0.3430


143.9973, 0.2937,
0.3357

 8.4941, 0.2643,
0.3456

179.5576, 0.2950,
0.3352

 4.4127, 0.2528,
0.3494

220.5376, 0.2962,
0.3348

 1.9070, 0.2342,
0.3554

267.3216, 0.2972,

 0.5526, 0.1090,

0.3344

0.4008

320.2940, 0.2981,
0.3341

0.0000, 0.0000,
0.0000

48.2644, 0.2854,
0.3385

48.2644, 0.2854,
0.3385

46.4333, 0.2742,
0.3435

50.4049, 0.2976,
0.3339

44.8908, 0.2641,
0.3488

52.8625, 0.3104,
0.3297

43.6231, 0.2556,
0.3544

55.6520, 0.3236,
0.3259

42.6126, 0.2488,
0.3601

58.7857, 0.3370,
0.3225

41.8398, 0.2438,
0.3661

62.2751, 0.3503,
0.3195

■ 41.2824, 0.2408,
0.3720

■ 63.8259, 0.3538,
0.3164

■ 40.9137, 0.2396,
0.3779

■ 63.9832, 0.3512,
0.3131

■ 40.7103, 0.2397,
0.3828

■ 64.1437, 0.3486,
0.3099

■ 64.3075, 0.3460,
0.3066

Harmonies

Analogous

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



48.2644, 0.3040, 0.3562



48.2644, 0.2854, 0.3385



48.2644, 0.2742, 0.3186

Triad

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



48.2644, 0.2854, 0.3385



48.2644, 0.2991, 0.2949



48.2644, 0.3540, 0.3539

Complementary

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



48.2644, 0.2854, 0.3385



35.9356, 0.3491, 0.3198

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.



48.2644, 0.3528, 0.3372



48.2644, 0.2854, 0.3385



48.2644, 0.3205, 0.3039

Square

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



48.2644, 0.2854, 0.3385



48.2644, 0.2819, 0.2942



48.2644, 0.3404, 0.3191



48.2644, 0.3438, 0.3647

Rectangle

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



48.2644, 0.2854, 0.3385



48.2644, 0.2722, 0.3072



48.2644, 0.3404, 0.3191



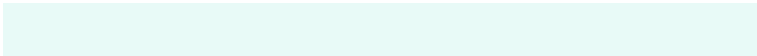
48.2644, 0.3550, 0.3487

Sweetspot

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



48.2664, 0.2854, 0.3385



92.2475, 0.3035, 0.3319



47.7164, 0.3161, 0.3878



19.7335, 0.3027, 0.3322



97.7402, 0.3127, 0.3290



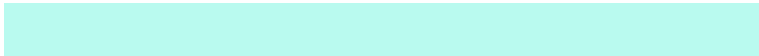
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2664, 0.2854, 0.3385



84.8501, 0.2801, 0.3408



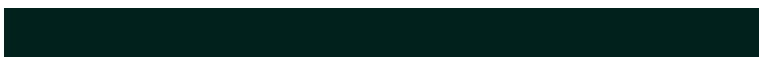
42.9504, 0.2794, 0.3105



11.3987, 0.3006, 0.3329



27.0851, 0.2395, 0.3820



1.1781, 0.2358, 0.3688

Inverse Universe

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



35.9356, 0.3491, 0.3198



58.9470, 0.3592, 0.3177



40.2283, 0.3526, 0.3467



10.1047, 0.3263, 0.3252



7.6189, 0.6137, 0.3154



0.3379, 0.5569, 0.2842

Previews

White Background



This preview shows how the Yxy color 48.2644, 0.2854, 0.3385 looks on a white background.

Color Contrast Check

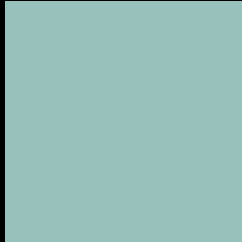
Large Text (above 18pt) WCAG AA × Fail

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 48.2644, 0.2854, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

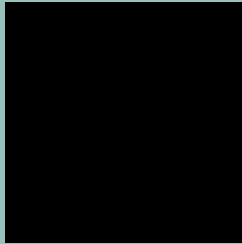
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

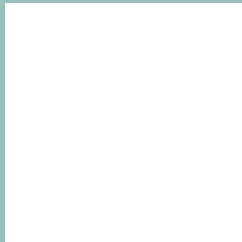
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2644, 0.2854, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 48.2644, 0.2854, 0.3385.

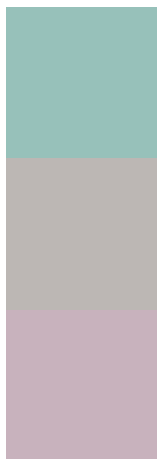


This preview shows how white text looks on a background with the Yxy color 48.2644, 0.2854, 0.3385.

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

48.2644, 0.2854, 0.3385

Protanopia

47.8536, 0.3194, 0.3329

Deuteranopia

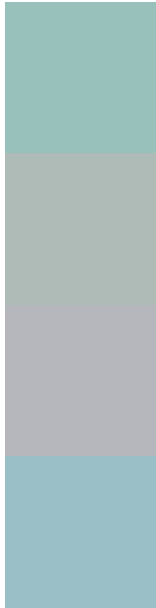
47.7943, 0.3229, 0.3155



Tritanopia

48.2033, 0.2754, 0.3091

Trichromacy



Original Color

48.2644, 0.2854, 0.3385

Protanomaly

48.0320, 0.3066, 0.3356

Deuteranomaly

47.4429, 0.3080, 0.3225

Tritanomaly

48.2088, 0.2794, 0.3195

Monochromacy



Original Color

48.2644, 0.2854, 0.3385

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.5103, 0.3018, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2644, 0.2854, 0.3385 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(151, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(151, 193, 186)  
}
```

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(151, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 193, 186) }
```

Border

The CSS property to change the border of an element to Yxy 48.2644, 0.2854, 0.3385 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(151, 193, 186) }
```

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

```
.border{ border-color:rgb(151, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(151, 193,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2644, 0.2854, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 193, 186) }
```

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

```
.background{ background-color: rgb(151,  
193, 186) }
```

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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