

Converting Colors

$Y_{xy}(48.0325, 0.2860, 0.3346)$

Have a look what the booklet for
Yxy(48.0325, 0.2860, 0.3346)
contains.

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Color

Yxy(48.1024, 0.2854, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	99C0BC
RGB	153, 192, 188
RGB Percent	60%, 75%, 74%
CMY	0.4002, 0.2470, 0.2628
CMYK	0.20, 0.00, 0.02, 0.25
HSL	174°, 24%, 68%
HSV	174°, 20%, 75%
XYZ	41.0539, 48.1024, 54.6906
YIQ	179.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

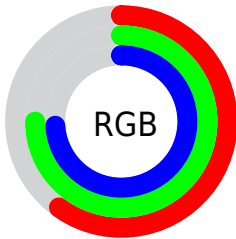
Format	Color
R _Y B	153, 174, 192
Decimal	10076348
CIE Lab	74.89, -13.81, -2.28
CIE LCh	75, 13.995, 189.359
Yxy	48.1024, 0.2854, 0.3344
Android (android.graphics.Color)	4288266428 (0xFF99C0BC)
YUV	179.8830, 4.0017, -23.5764
Hunter-Lab	69.3559, -15.7131, 1.7960

Details

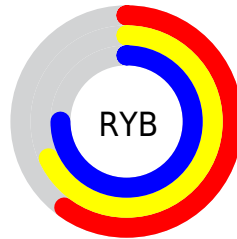
The Yxy color **48.1024, 0.2854, 0.3344** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.4053, 0.3486, 0.3237**, and the grayscale version is **45.5576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0764, 0.2904, 0.3331**, and **22.6929, 0.2776, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **46.2999, 0.2733, 0.3374**, and if you desaturate by 10%, it is **50.2106, 0.2985, 0.3316**.

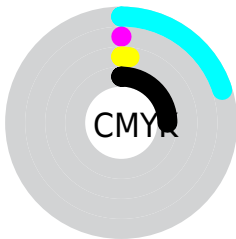
Distribution



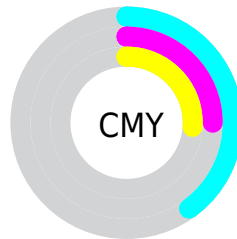
- Red (60%)
- Green (75%)
- Blue (74%)



- Red (60%)
- Yellow (68%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (40%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1024, 0.2854, 0.3344 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 48.1024, 0.2854, 0.3344 by changing the saturation by 10% instead.


 48.1024, 0.2854,
0.3344


 48.1024, 0.2854,
0.3344


379.1979, 0.2989,
0.3318

 33.9080, 0.2821,
0.3350


 87.3568, 0.2903,
0.3335

 22.8229, 0.2778,
0.3358

 113.1857, 0.2921,
0.3331

 14.4628, 0.2722,
0.3368


143.6614, 0.2937,
0.3328

 8.4433, 0.2644,
0.3381

179.1685, 0.2950,
0.3326

 4.3799, 0.2529,
0.3399

220.0913, 0.2962,
0.3324

 1.8882, 0.2345,
0.3426

266.8142, 0.2972,

 0.5413, 0.1209,

0.3322

0.3689

319.7216, 0.2981,
0.3320

0.0000, 0.0000,
0.0000

48.1024, 0.2854,
0.3344

48.1024, 0.2854,
0.3344

46.2999, 0.2733,
0.3374

50.2106, 0.2985,
0.3316

44.7829, 0.2625,
0.3406

52.6321, 0.3122,
0.3291

43.5377, 0.2532,
0.3439

55.3813, 0.3264,
0.3268

42.5475, 0.2457,
0.3474

58.4703, 0.3408,
0.3247

41.7932, 0.2400,
0.3509

61.9102, 0.3551,
0.3229

■ 41.2532, 0.2362,
0.3544

■ 63.1316, 0.3585,
0.3210

■ 40.9022, 0.2342,
0.3580

■ 63.2247, 0.3569,
0.3190

■ 40.6943, 0.2337,
0.3613

■ 63.3190, 0.3552,
0.3169

■ 63.4146, 0.3536,
0.3149

Harmonies

Analogous

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



48.1024, 0.3014, 0.3512



48.1024, 0.2854, 0.3344



48.1024, 0.2767, 0.3166

Triad

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



48.1024, 0.2854, 0.3344



48.1024, 0.3037, 0.2988



48.1024, 0.3493, 0.3540

Complementary

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



48.1024, 0.2854, 0.3344



36.4053, 0.3486, 0.3237

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.



48.1024, 0.3502, 0.3395



48.1024, 0.2854, 0.3344



48.1024, 0.3234, 0.3083

Square

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



48.1024, 0.2854, 0.3344



48.1024, 0.2870, 0.2967



48.1024, 0.3405, 0.3229



48.1024, 0.3385, 0.3624

Rectangle

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



48.1024, 0.2854, 0.3344



48.1024, 0.2760, 0.3068



48.1024, 0.3405, 0.3229



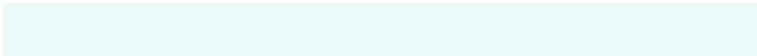
48.1024, 0.3508, 0.3497

Sweetspot

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



48.1044, 0.2854, 0.3344



92.7545, 0.3042, 0.3305



47.2239, 0.3138, 0.3839



19.8380, 0.3033, 0.3307



97.7402, 0.3127, 0.3290



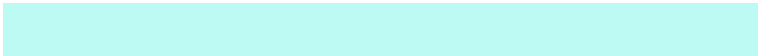
20.4902, 0.3127, 0.3290

Same Dimension

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



48.1044, 0.2854, 0.3344



85.7608, 0.2804, 0.3356



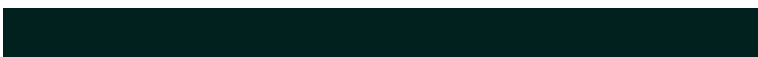
42.0328, 0.2814, 0.3082



11.4100, 0.2998, 0.3314



27.3837, 0.2336, 0.3609



1.1884, 0.2314, 0.3531

Inverse Universe

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



36.4053, 0.3486, 0.3237



61.0900, 0.3578, 0.3226



41.4828, 0.3489, 0.3489



10.0944, 0.3273, 0.3267



7.5799, 0.6265, 0.3225



0.3333, 0.5851, 0.2997

Previews

White Background



This preview shows how the Yxy color 48.1024, 0.2854, 0.3344 looks on a white background.

Color Contrast Check

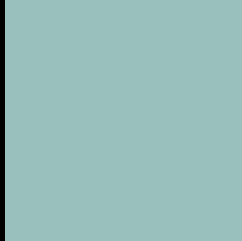
Large Text (above 18pt) WCAG AA × Fail

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 48.1024, 0.2854, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

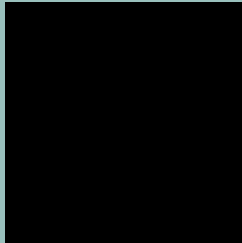
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

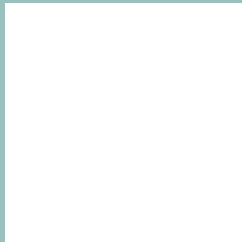
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1024, 0.2854, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 48.1024, 0.2854, 0.3344.

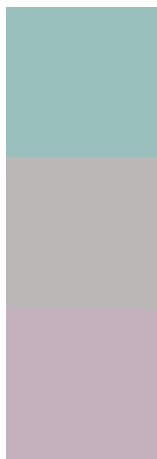


This preview shows how white text looks on a background with the Yxy color 48.1024, 0.2854, 0.3344.

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

48.1024, 0.2854, 0.3344

Protanopia

47.8507, 0.3161, 0.3290

Deuteranopia

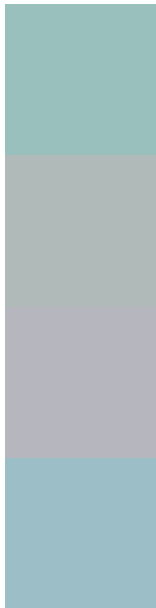
47.6081, 0.3195, 0.3129



Tritanopia

47.8709, 0.2760, 0.3078

Trichromacy



Original Color

48.1024, 0.2854, 0.3344

Protanomaly

47.7346, 0.3044, 0.3303

Deuteranomaly

47.5298, 0.3064, 0.3200

Tritanomaly

47.9190, 0.2793, 0.3169

Monochromacy



Original Color

48.1024, 0.2854, 0.3344

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2459, 0.3019, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1024, 0.2854, 0.3344 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(153, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(153, 192, 188)  
}
```

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(153, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 192, 188) }
```

Border

The CSS property to change the border of an element to Yxy 48.1024, 0.2854, 0.3344 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(153, 192, 188) }
```

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

```
.border{ border-color:rgb(153, 192, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(153, 192,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1024, 0.2854, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 192, 188) }
```

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

```
.background{ background-color: rgb(153,  
192, 188) }
```

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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