

Converting Colors

$Yxy(48.2004, 0.2808, 0.3365)$

Have a look what the booklet for
Yxy(48.2004, 0.2808, 0.3365)
contains.

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Color

Yxy(48.3254, 0.2806, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	92C2BC
RGB	146, 194, 188
RGB Percent	57%, 76%, 74%
CMY	0.4277, 0.2391, 0.2628
CMYK	0.25, 0.00, 0.03, 0.24
HSL	172°, 28%, 67%
HSV	172°, 25%, 76%
XYZ	40.2138, 48.3254, 54.7745
YIQ	178.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

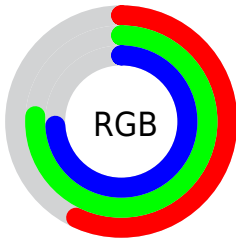
Format	Color
RYB	146, 172, 194
Decimal	9618108
CIELab	75.03, -17.01, -2.12
CIELCh	75, 17.140, 187.089
Yxy	48.3254, 0.2806, 0.3372
Android (android.graphics.Color)	4287808188 (0xFF92C2BC)
YUV	178.9640, 4.4547, -28.9094
Hunter-Lab	69.5165, -18.3953, 1.9448

Details

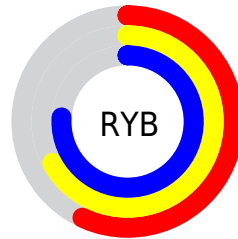
The Yxy color **48.3254, 0.2806, 0.3372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.2789, 0.3577, 0.3211**, and the grayscale version is **45.0404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9435, 0.2865, 0.3363**, and **22.8851, 0.2716, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **46.5943, 0.2693, 0.3410**, and if you desaturate by 10%, it is **50.3639, 0.2930, 0.3337**.

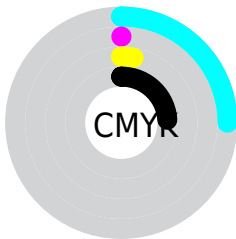
Distribution



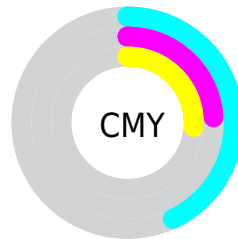
- Red (57%)
- Green (76%)
- Blue (74%)



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



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




- Cyan (43%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3254, 0.2806, 0.3372 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 48.3254, 0.2806, 0.3372 by changing the saturation by 10% instead.


 48.3254, 0.2806,
0.3372


 48.3254, 0.2806,
0.3372


380.0805, 0.2965,
0.3332

 34.0846, 0.2767,
0.3381


 87.6887, 0.2863,
0.3358

 22.9586, 0.2717,
0.3393


 113.5800, 0.2885,
0.3353

 14.5630, 0.2651,
0.3409


144.1237, 0.2903,
0.3348

 8.5132, 0.2560,
0.3430

179.7040, 0.2919,
0.3344

 4.4251, 0.2427,
0.3459

220.7055, 0.2933,
0.3341

 1.9141, 0.2214,
0.3502

267.5125, 0.2945,

 0.5568, 0.0800,

0.3338

320.5093, 0.2955,
0.3335

0.3907

0.0000, 0.0000,
0.0000

48.3254, 0.2806,
0.3372

48.3254, 0.2806,
0.3372

46.5943, 0.2693,
0.3410

50.3639, 0.2930,
0.3337

45.1494, 0.2593,
0.3450

52.7181, 0.3062,
0.3304

43.9762, 0.2509,
0.3492

55.4032, 0.3199,
0.3275

43.0564, 0.2443,
0.3535

58.4317, 0.3339,
0.3249

42.3695, 0.2397,
0.3578

61.8155, 0.3479,
0.3225

■ 41.8918, 0.2369,
0.3622

■ 64.1439, 0.3558,
0.3203

■ 41.5944, 0.2359,
0.3666

■ 64.2606, 0.3539,
0.3178

■ 41.4807, 0.2358,
0.3688

■ 64.3792, 0.3519,
0.3153

■ 64.4996, 0.3499,
0.3128

Harmonies

Analogous

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



48.3254, 0.3005, 0.3576



48.3254, 0.2806, 0.3372



48.3254, 0.2693, 0.3152

Triad

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



48.3254, 0.2806, 0.3372



48.3254, 0.2999, 0.2918



48.3254, 0.3581, 0.3582

Complementary

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



48.3254, 0.2806, 0.3372



34.2789, 0.3577, 0.3211

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.



48.3254, 0.3582, 0.3400



48.3254, 0.2806, 0.3372



48.3254, 0.3239, 0.3027

Square

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



48.3254, 0.2806, 0.3372



48.3254, 0.2801, 0.2900



48.3254, 0.3455, 0.3200



48.3254, 0.3455, 0.3694

Rectangle

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



48.3254, 0.2806, 0.3372



48.3254, 0.2679, 0.3029



48.3254, 0.3455, 0.3200



48.3254, 0.3596, 0.3526

Sweetspot

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



48.3274, 0.2806, 0.3372



94.4449, 0.3031, 0.3312



47.3746, 0.3145, 0.3974



20.6230, 0.3022, 0.3314



0.0000, 0.0000, 0.0000



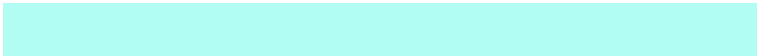
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3274, 0.2806, 0.3372



85.6850, 0.2740, 0.3393



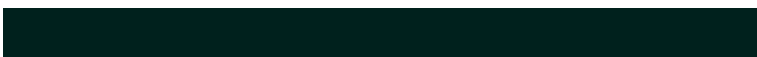
41.2060, 0.2746, 0.3042



11.4060, 0.3001, 0.3319



27.2753, 0.2356, 0.3682



1.1847, 0.2329, 0.3586

Inverse Universe

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



34.2789, 0.3577, 0.3211



55.6660, 0.3718, 0.3191



39.9432, 0.3586, 0.3525



10.0980, 0.3270, 0.3261



7.5919, 0.6225, 0.3203



0.3349, 0.5747, 0.2940

Previews

White Background



This preview shows how the Yxy color 48.3254, 0.2806, 0.3372 looks on a white background.

Color Contrast Check

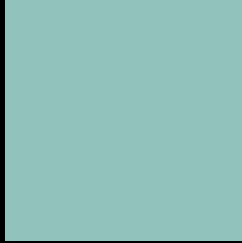
Large Text (above 18pt) WCAG AA × Fail

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 48.3254, 0.2806, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

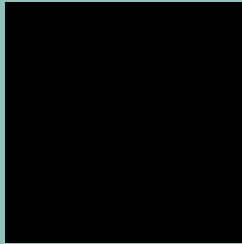
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

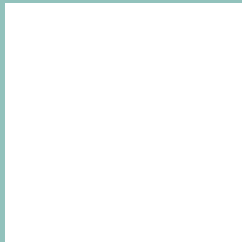
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3254, 0.2806, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 48.3254, 0.2806, 0.3372.

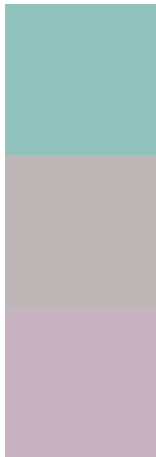


This preview shows how white text looks on a background with the Yxy color 48.3254, 0.2806, 0.3372.

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

48.3254, 0.2806, 0.3372

Protanopia

47.9357, 0.3178, 0.3303

Deuteranopia

48.1439, 0.3203, 0.3142



Tritanopia

48.2506, 0.2708, 0.3077

Trichromacy



Original Color

48.3254, 0.2806, 0.3372

Protanomaly

47.8856, 0.3035, 0.3329

Deuteranomaly

47.7020, 0.3048, 0.3212

Tritanomaly

48.2590, 0.2747, 0.3181

Monochromacy



Original Color

48.3254, 0.2806, 0.3372

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.8739, 0.3002, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3254, 0.2806, 0.3372 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, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(146, 194, 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(146, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 194, 188) }
```

Border

The CSS property to change the border of an element to Yxy 48.3254, 0.2806, 0.3372 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, 194, 188) }
```

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

```
.border{ border-color:rgb(146, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(146, 194,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3254, 0.2806, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 194, 188) }
```

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

```
.background{ background-color: rgb(146,  
194, 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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