

Converting Colors

$Y_{xy}(48.2545, 0.2832, 0.3430)$

Have a look what the booklet for
Yxy(48.2545, 0.2832, 0.3430)
contains.

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Color

Yxy(48.1553, 0.2833, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	92C2B8
RGB	146, 194, 184
RGB Percent	57%, 76%, 72%
CMY	0.4272, 0.2393, 0.2784
CMYK	0.25, 0.00, 0.05, 0.24
HSL	168°, 28%, 67%
HSV	168°, 25%, 76%
XYZ	39.8086, 48.1553, 52.5535
YIQ	178.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

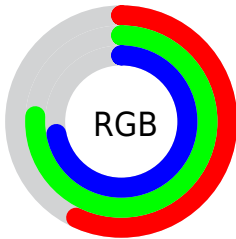
Format	Color
RYB	146, 173, 194
Decimal	9618104
CIELab	74.92, -17.81, -0.12
CIELCh	75, 17.813, 180.386
Yxy	48.1553, 0.2833, 0.3427
Android (android.graphics.Color)	4287808184 (0xFF92C2B8)
YUV	178.5080, 2.7076, -28.5095
Hunter-Lab	69.3940, -19.0412, 3.6743

Details

The Yxy color **48.1553, 0.2833, 0.3427** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4502, 0.3533, 0.3158**, and the grayscale version is **44.8083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7031, 0.2886, 0.3406**, and **22.7745, 0.2750, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **46.3597, 0.2728, 0.3491**, and if you desaturate by 10%, it is **50.2614, 0.2947, 0.3368**.

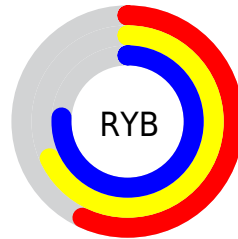
Distribution



Red (57%)

Green (76%)

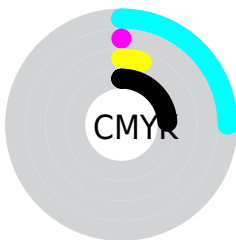
Blue (72%)



Red (57%)

Yellow (68%)

Blue (76%)

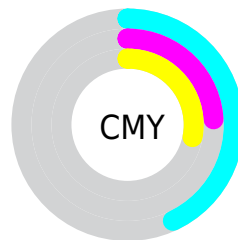


Cyan (25%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (43%)


Magenta (24%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1553, 0.2833, 0.3427 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 48.1553, 0.2833, 0.3427 by changing the saturation by 10% instead.


 48.1553, 0.2833,
0.3427

 48.1553, 0.2833,
0.3427


379.4074, 0.2979,
0.3359

 33.9499, 0.2797,
0.3444


 87.4356, 0.2886,
0.3402

 22.8551, 0.2751,
0.3465


 113.2792, 0.2906,
0.3393

 14.4866, 0.2690,
0.3494


143.7711, 0.2923,
0.3385

 8.4598, 0.2605,
0.3533

179.2956, 0.2937,
0.3379

 4.3906, 0.2480,
0.3591

220.2371, 0.2950,
0.3373

 1.8944, 0.2277,
0.3684

266.9799, 0.2961,

 0.5450, 0.0676,

0.3368

0.4431

319.9085, 0.2970,
0.3363

0.0000, 0.0000,
0.0000

48.1553, 0.2833,
0.3427

48.1553, 0.2833,
0.3427

46.3597, 0.2728,
0.3491

50.2614, 0.2947,
0.3368

44.8534, 0.2636,
0.3559

52.6862, 0.3069,
0.3314

43.6219, 0.2559,
0.3631

55.4450, 0.3194,
0.3265

42.6467, 0.2499,
0.3705

58.5503, 0.3321,
0.3221

41.9074, 0.2458,
0.3781

62.0140, 0.3448,
0.3182

■ 41.3804, 0.2436,
0.3857

■ 64.4037, 0.3513,
0.3145

■ 41.0367, 0.2434,
0.3932

■ 64.6052, 0.3480,
0.3103

■ 40.8986, 0.2437,
0.3972

■ 64.8118, 0.3448,
0.3063

■ 65.0236, 0.3416,
0.3022

Harmonies

Analogous

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



48.1553, 0.3054, 0.3626



48.1553, 0.2833, 0.3427



48.1553, 0.2693, 0.3194

Triad

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



48.1553, 0.2833, 0.3427



48.1553, 0.2942, 0.2891



48.1553, 0.3612, 0.3555

Complementary

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



48.1553, 0.2833, 0.3427



34.4502, 0.3533, 0.3158

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.



48.1553, 0.3582, 0.3358



48.1553, 0.2833, 0.3427



48.1553, 0.3187, 0.2985

Square

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



48.1553, 0.2833, 0.3427



48.1553, 0.2753, 0.2894



48.1553, 0.3423, 0.3152



48.1553, 0.3507, 0.3693

Rectangle

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



48.1553, 0.2833, 0.3427



48.1553, 0.2661, 0.3057



48.1553, 0.3423, 0.3152



48.1553, 0.3617, 0.3493

Sweetspot

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



48.1573, 0.2833, 0.3427



94.3537, 0.3039, 0.3326



47.7691, 0.3177, 0.3965



20.6013, 0.3031, 0.3330



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.



48.1573, 0.2833, 0.3427



85.3139, 0.2771, 0.3463



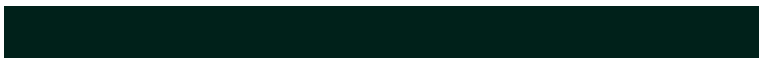
42.8214, 0.2752, 0.3100



11.3914, 0.3011, 0.3338



26.9057, 0.2434, 0.3962



1.1718, 0.2387, 0.3794

Inverse Universe

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



34.4502, 0.3533, 0.3158



55.9381, 0.3662, 0.3126



38.5657, 0.3597, 0.3472



10.1114, 0.3257, 0.3242



7.6530, 0.6030, 0.3096



0.3409, 0.5405, 0.2751

Previews

White Background



This preview shows how the Yxy color 48.1553, 0.2833, 0.3427 looks on a white background.

Color Contrast Check

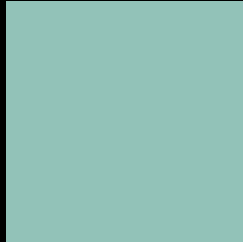
Large Text (above 18pt) WCAG AA × Fail

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 48.1553, 0.2833, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

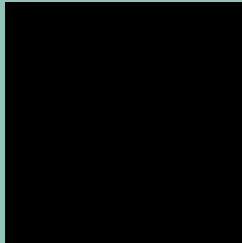
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

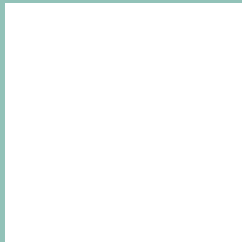
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.1553, 0.2833, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 48.1553, 0.2833, 0.3427.



This preview shows how white text looks on a background with the Yxy color 48.1553, 0.2833, 0.3427.

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

48.1553, 0.2833, 0.3427

Protanopia

47.7727, 0.3210, 0.3355

Deuteranopia

47.7080, 0.3246, 0.3179



Tritanopia

48.2971, 0.2721, 0.3090

Trichromacy



Original Color

48.1553, 0.2833, 0.3427

Protanomaly

47.7202, 0.3065, 0.3383

Deuteranomaly

47.5294, 0.3078, 0.3264

Tritanomaly

48.1661, 0.2760, 0.3208

Monochromacy



Original Color

48.1553, 0.2833, 0.3427

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.8327, 0.3009, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1553, 0.2833, 0.3427 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(146, 194, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 194, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.1553, 0.2833, 0.3427 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, 184) }
```

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

```
.border{ border-color:rgb(146, 194, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(146, 194,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1553, 0.2833, 0.3427 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, 184) }
```

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

```
.background{ background-color: rgb(146,  
194, 184) }
```

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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