

Converting Colors

$Yxy(48.4931, 0.2957, 0.3383)$

Have a look what the booklet for
Yxy(48.4931, 0.2957, 0.3383)
contains.

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Color

Yxy(48.5088, 0.2956, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	A3BFB8
RGB	163, 191, 184
RGB Percent	64%, 75%, 72%
CMY	0.3609, 0.2510, 0.2783
CMYK	0.15, 0.00, 0.04, 0.25
HSL	165°, 18%, 69%
HSV	165°, 15%, 75%
XYZ	42.3861, 48.5088, 52.4950
YIQ	181.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

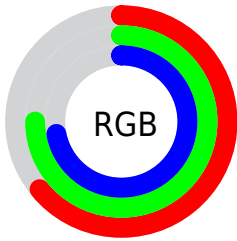
Format	Color
R _Y B	163, 179, 191
Decimal	10731448
CIE Lab	75.14, -10.86, 0.32
CIE LCh	75, 10.869, 178.309
Yxy	48.5088, 0.2956, 0.3383
Android (android.graphics.Color)	4288921528 (0xFFA3BFB8)
YUV	181.8300, 1.0698, -16.5139
Hunter-Lab	69.6483, -13.2542, 4.0659

Details

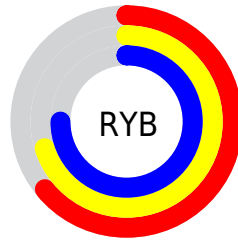
The Yxy color **48.5088, 0.2956, 0.3383** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1643, 0.3332, 0.3199**, and the grayscale version is **46.6817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7182, 0.2986, 0.3362**, and **23.1952, 0.2910, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **46.4489, 0.2847, 0.3454**, and if you desaturate by 10%, it is **50.8840, 0.3072, 0.3318**.

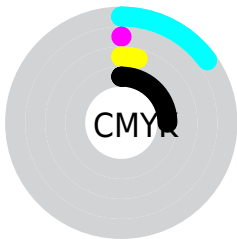
Distribution



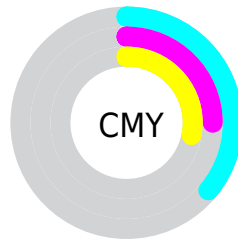
- Red (64%)
- Green (75%)
- Blue (72%)



- Red (64%)
- Yellow (70%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)




- Cyan (36%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5088, 0.2956, 0.3383 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 48.5088, 0.2956, 0.3383 by changing the saturation by 10% instead.


 48.5088, 0.2956,
0.3383

 48.5088, 0.2956,
0.3383


380.8054, 0.3041,
0.3337

 34.2300, 0.2935,
0.3394


 87.9615, 0.2987,
0.3366

 23.0703, 0.2908,
0.3409


 113.9041, 0.2998,
0.3360

 14.6455, 0.2872,
0.3429


144.5035, 0.3008,
0.3355

 8.5709, 0.2823,
0.3456

180.1440, 0.3017,
0.3350

 4.4624, 0.2749,
0.3496

221.2101, 0.3024,
0.3346

 1.9354, 0.2628,
0.3562

268.0861, 0.3030,

 0.5696, 0.1913,

0.3343

0.3946

321.1564, 0.3036,
0.3340

0.0000, 0.0000,
0.0000

48.5088, 0.2956,
0.3383

48.5088, 0.2956,
0.3383

46.4489, 0.2847,
0.3454

50.8840, 0.3072,
0.3318

44.6845, 0.2746,
0.3531

53.5811, 0.3191,
0.3260

43.2029, 0.2657,
0.3613

56.6143, 0.3312,
0.3207

41.9881, 0.2584,
0.3700

59.9952, 0.3432,
0.3161

41.0225, 0.2527,
0.3790

63.0681, 0.3522,
0.3118

■ 40.2863, 0.2489,
0.3882

■ 63.3052, 0.3483,
0.3070

■ 39.7568, 0.2471,
0.3975

■ 63.5494, 0.3445,
0.3022

■ 39.4063, 0.2471,
0.4066

■ 63.8006, 0.3407,
0.2975

■ 39.2627, 0.2477,
0.4115

■ 64.0591, 0.3369,
0.2928

Harmonies

Analogous

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



48.5088, 0.3095, 0.3497



48.5088, 0.2956, 0.3383



48.5088, 0.2864, 0.3244

Triad

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



48.5088, 0.2956, 0.3383



48.5088, 0.3006, 0.3041



48.5088, 0.3422, 0.3448

Complementary

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



48.5088, 0.2956, 0.3383



40.1643, 0.3332, 0.3199

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.



48.5088, 0.3398, 0.3326



48.5088, 0.2956, 0.3383



48.5088, 0.3154, 0.3095

Square

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



48.5088, 0.2956, 0.3383



48.5088, 0.2892, 0.3050



48.5088, 0.3299, 0.3198



48.5088, 0.3366, 0.3532

Rectangle

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



48.5088, 0.2956, 0.3383



48.5088, 0.2840, 0.3159



48.5088, 0.3299, 0.3198



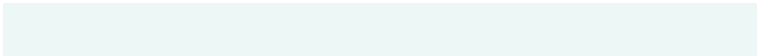
48.5088, 0.3423, 0.3410

Sweetspot

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



48.5108, 0.2956, 0.3383



91.4047, 0.3079, 0.3314



48.4524, 0.3166, 0.3669



19.9955, 0.3070, 0.3319



97.7402, 0.3127, 0.3290



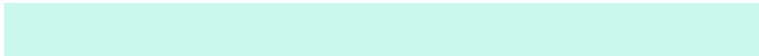
20.4902, 0.3127, 0.3290

Same Dimension

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



48.5108, 0.2956, 0.3383



85.4802, 0.2916, 0.3408



45.8269, 0.2904, 0.3195



10.7679, 0.3017, 0.3348



25.8144, 0.2473, 0.4103



1.0210, 0.2412, 0.3884

Inverse Universe

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



40.1643, 0.3332, 0.3199



67.3180, 0.3393, 0.3175



42.4647, 0.3383, 0.3383



9.5743, 0.3250, 0.3233



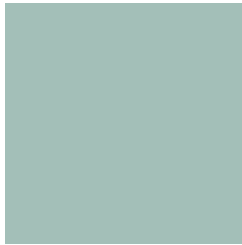
7.4279, 0.5906, 0.3027



0.3018, 0.5208, 0.2643

Previews

White Background



This preview shows how the Yxy color 48.5088, 0.2956, 0.3383 looks on a white background.

Color Contrast Check

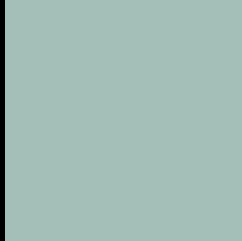
Large Text (above 18pt) WCAG AA × Fail

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 48.5088, 0.2956, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

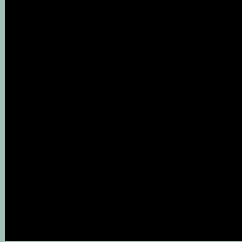
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

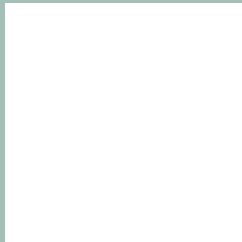
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5088, 0.2956, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 48.5088, 0.2956, 0.3383.



This preview shows how white text looks on a background with the Yxy color 48.5088, 0.2956, 0.3383.

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

48.5088, 0.2956, 0.3383

Protanopia

48.3951, 0.3201, 0.3341

Deuteranopia

48.3846, 0.3262, 0.3192



Tritanopia

48.3852, 0.2845, 0.3094

Trichromacy



Original Color

48.5088, 0.2956, 0.3383

Protanomaly

48.5801, 0.3115, 0.3368

Deuteranomaly

48.1035, 0.3146, 0.3252

Tritanomaly

48.3800, 0.2887, 0.3197

Monochromacy



Original Color

48.5088, 0.2956, 0.3383

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2308, 0.3060, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5088, 0.2956, 0.3383 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(163, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 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(163, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.5088, 0.2956, 0.3383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

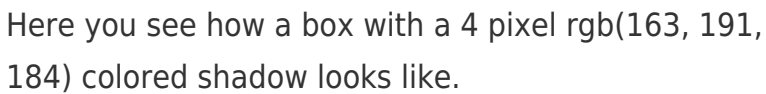
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 191, 184) }
```

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

```
.border{ border-color:rgb(163, 191, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 191, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 191, 184); box-shadow:4px 4px 4px 4px rgb(163, 191, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5088, 0.2956, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 184) }
```

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

```
.background{ background-color: rgb(163,  
191, 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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