

Converting Colors

$Yxy(48.5941, 0.2957, 0.3330)$

Have a look what the booklet for
Yxy(48.5941, 0.2957, 0.3330)
contains.

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Color

Yxy(48.5218, 0.2958, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	A6BEBB
RGB	166, 190, 187
RGB Percent	65%, 75%, 73%
CMY	0.3489, 0.2549, 0.2666
CMYK	0.13, 0.00, 0.02, 0.25
HSL	173°, 16%, 70%
HSV	173°, 13%, 75%
XYZ	43.1143, 48.5218, 54.1188
YIQ	182.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

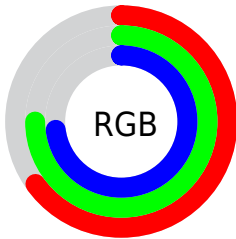
Format	Color
R_{YB}	166, 179, 190
Decimal	10927803
CIE _{Lab}	75.15, -8.72, -1.27
CIE _{LCh}	75, 8.815, 188.256
Yxy	48.5218, 0.2958, 0.3329
Android (android.graphics.Color)	4289117883 (0xFFA6BEBB)
YUV	182.4820, 2.2274, -14.4547
Hunter-Lab	69.6576, -11.4189, 2.6964

Details

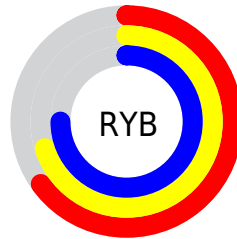
The Yxy color **48.5218, 0.2958, 0.3329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0924, 0.3326, 0.3251**, and the grayscale version is **47.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7548, 0.2987, 0.3321**, and **23.1900, 0.2911, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **46.5194, 0.2832, 0.3363**, and if you desaturate by 10%, it is **50.8333, 0.3091, 0.3298**.

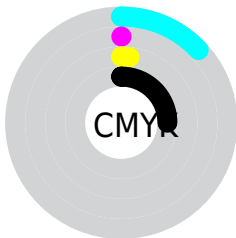
Distribution



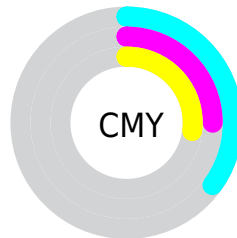
- Red (65%)
- Green (75%)
- Blue (73%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5218, 0.2958, 0.3329 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 48.5218, 0.2958, 0.3329 by changing the saturation by 10% instead.


 48.5218, 0.2958,
0.3329

 48.5218, 0.2958,
0.3329


380.8567, 0.3042,
0.3310

 34.2403, 0.2937,
0.3334


 87.9808, 0.2988,
0.3322

 23.0783, 0.2911,
0.3339


 113.9271, 0.3000,
0.3320

 14.6513, 0.2876,
0.3347


144.5304, 0.3009,
0.3317

 8.5750, 0.2827,
0.3357

180.1752, 0.3018,
0.3316

 4.4650, 0.2755,
0.3372

221.2458, 0.3025,
0.3314

 1.9370, 0.2639,
0.3396

268.1267, 0.3031,

 0.5705, 0.2046,

0.3312

0.3545

321.2022, 0.3037,
0.3311

0.0000, 0.0000,
0.0000

48.5218, 0.2958,
0.3329

48.5218, 0.2958,
0.3329

46.5194, 0.2832,
0.3363

50.8333, 0.3091,
0.3298

44.8067, 0.2716,
0.3400

53.4602, 0.3229,
0.3269

43.3715, 0.2613,
0.3439

56.4163, 0.3370,
0.3244

42.1984, 0.2526,
0.3480

59.7128, 0.3510,
0.3221

41.2704, 0.2456,
0.3522

62.2001, 0.3598,
0.3200

■ 40.5686, 0.2405,
0.3565

■ 62.3103, 0.3579,
0.3176

■ 40.0713, 0.2372,
0.3608

■ 62.4222, 0.3559,
0.3151

■ 39.7523, 0.2358,
0.3651

■ 62.5358, 0.3539,
0.3127

■ 39.5942, 0.2356,
0.3683

■ 62.6512, 0.3520,
0.3103

Harmonies

Analogous

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



48.5218, 0.3061, 0.3431



48.5218, 0.2958, 0.3329



48.5218, 0.2900, 0.3218

Triad

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



48.5218, 0.2958, 0.3329



48.5218, 0.3067, 0.3096



48.5218, 0.3358, 0.3446

Complementary

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



48.5218, 0.2958, 0.3329



41.0924, 0.3326, 0.3251

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.



48.5218, 0.3360, 0.3355



48.5218, 0.2958, 0.3329



48.5218, 0.3190, 0.3155

Square

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



48.5218, 0.2958, 0.3329



48.5218, 0.2962, 0.3086



48.5218, 0.3298, 0.3249



48.5218, 0.3293, 0.3498

Rectangle

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



48.5218, 0.2958, 0.3329



48.5218, 0.2894, 0.3155



48.5218, 0.3298, 0.3249



48.5218, 0.3366, 0.3419

Sweetspot

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



48.5238, 0.2958, 0.3329



91.4803, 0.3072, 0.3302



48.0389, 0.3138, 0.3614



20.0152, 0.3061, 0.3304



97.7402, 0.3127, 0.3290



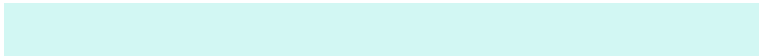
20.4902, 0.3127, 0.3290

Same Dimension

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



48.5238, 0.2958, 0.3329



86.9296, 0.2924, 0.3338



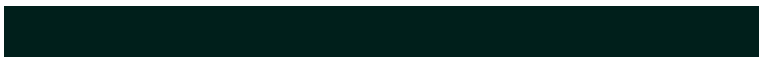
44.9590, 0.2934, 0.3172



10.7886, 0.3001, 0.3318



26.3369, 0.2355, 0.3677



1.0374, 0.2326, 0.3575

Inverse Universe

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



41.0924, 0.3326, 0.3251



70.9520, 0.3375, 0.3243



44.2883, 0.3338, 0.3405



9.5551, 0.3269, 0.3262



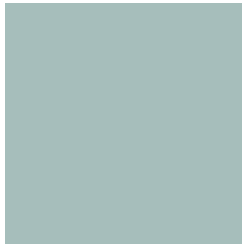
7.3284, 0.6225, 0.3203



0.2935, 0.5723, 0.2926

Previews

White Background



This preview shows how the Yxy color 48.5218, 0.2958, 0.3329 looks on a white background.

Color Contrast Check

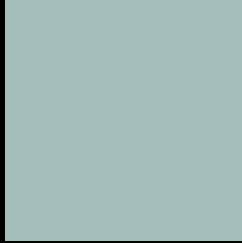
Large Text (above 18pt) WCAG AA × Fail

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 48.5218, 0.2958, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

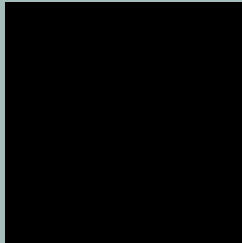
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

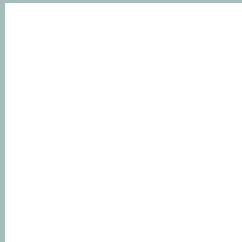
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5218, 0.2958, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 48.5218, 0.2958, 0.3329.

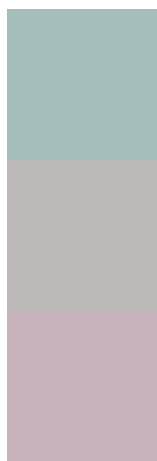


This preview shows how white text looks on a background with the Yxy color 48.5218, 0.2958, 0.3329.

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

48.5218, 0.2958, 0.3329

Protanopia

48.3912, 0.3169, 0.3303

Deuteranopia

48.1937, 0.3228, 0.3167



Tritanopia

48.7133, 0.2868, 0.3096

Trichromacy



Original Color

48.5218, 0.2958, 0.3329

Protanomaly

48.2818, 0.3093, 0.3316

Deuteranomaly

48.1892, 0.3130, 0.3227

Tritanomaly

48.7512, 0.2902, 0.3185

Monochromacy



Original Color

48.5218, 0.2958, 0.3329

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.3887, 0.3060, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5218, 0.2958, 0.3329 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(166, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 187)  
}
```

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(166, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.5218, 0.2958, 0.3329 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(166, 190, 187) }
```

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

```
.border{ border-color:rgb(166, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5218, 0.2958, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 187) }
```

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

```
.background{ background-color: rgb(166,  
190, 187) }
```

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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