

Converting Colors

$Y_{xy}(48.6185, 0.2875, 0.3260)$

Have a look what the booklet for
Yxy(48.6185, 0.2875, 0.3260)
contains.

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Color

Yxy(48.6889, 0.2878, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	A1BFC1
RGB	161, 191, 193
RGB Percent	63%, 75%, 76%
CMY	0.3689, 0.2509, 0.2432
CMYK	0.17, 0.01, 0.00, 0.24
HSL	184°, 21%, 69%
HSV	184°, 17%, 76%
XYZ	42.9441, 48.6889, 57.5821
YIQ	182.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

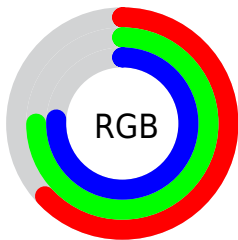
Format	Color
RYB	161, 176, 193
Decimal	10600385
CIELab	75.26, -9.68, -4.40
CIElCh	75, 10.631, 204.421
Yxy	48.6889, 0.2878, 0.3263
Android (android.graphics.Color)	4288790465 (0xFFA1BFC1)
YUV	182.2580, 5.2958, -18.6433
Hunter-Lab	69.7774, -12.2537, -0.0834

Details

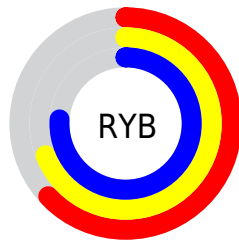
The Yxy color **48.6889, 0.2878, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0707, 0.3435, 0.3317**, and the grayscale version is **46.9002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9600, 0.2924, 0.3269**, and **23.3216, 0.2807, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **46.3229, 0.2739, 0.3245**, and if you desaturate by 10%, it is **51.3726, 0.3026, 0.3280**.

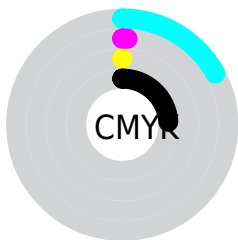
Distribution



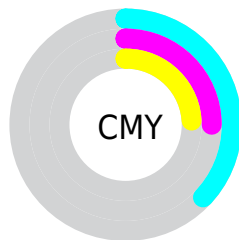
- Red (63%)
- Green (75%)
- Blue (76%)



- Red (63%)
- Yellow (69%)
- Blue (76%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)





- Cyan (37%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6889, 0.2878, 0.3263 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 48.6889, 0.2878, 0.3263 by changing the saturation by 10% instead.


 48.6889, 0.2878,
0.3263


 48.6889, 0.2878,
0.3263

381.5163, 0.3001,
0.3278

 34.3728, 0.2848,
0.3259


 88.2292, 0.2922,
0.3269

 23.1801, 0.2809,
0.3254


 114.2222, 0.2939,
0.3271

 14.7266, 0.2759,
0.3247


144.8762, 0.2953,
0.3272

 8.6277, 0.2689,
0.3236

180.5758, 0.2965,
0.3274

 4.4992, 0.2586,
0.3219

221.7051, 0.2976,
0.3275

 1.9565, 0.2422,
0.3187

268.6487, 0.2985,

 0.5820, 0.1722,

0.3276

0.3163

321.7910, 0.2994,
0.3277

0.0000, 0.0000,
0.0000

48.6889, 0.2878,
0.3263

48.6889, 0.2878,
0.3263

46.3229, 0.2739,
0.3245

51.3726, 0.3026,
0.3280

44.2543, 0.2611,
0.3226

54.3811, 0.3180,
0.3295

42.4699, 0.2498,
0.3206

57.7291, 0.3337,
0.3309

40.9532, 0.2402,
0.3186

61.4282, 0.3494,
0.3321

39.6856, 0.2323,
0.3165

65.0250, 0.3630,
0.3333

■ 38.6465, 0.2264,
0.3144

■ 65.5666, 0.3627,
0.3345

■ 37.8116, 0.2224,
0.3123

■ 66.1126, 0.3624,
0.3357

■ 37.1492, 0.2200,
0.3103

■ 66.6628, 0.3621,
0.3369

■ 36.9428, 0.2193,
0.3096

■ 67.2173, 0.3618,
0.3382

Harmonies

Analogous

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



48.6889, 0.2976, 0.3398



48.6889, 0.2878, 0.3263



48.6889, 0.2846, 0.3140

Triad

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



48.6889, 0.2878, 0.3263



48.6889, 0.3134, 0.3089



48.6889, 0.3371, 0.3519

Complementary

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



48.6889, 0.2878, 0.3263



40.0707, 0.3435, 0.3317

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.



48.6889, 0.3417, 0.3431



48.6889, 0.2878, 0.3263



48.6889, 0.3278, 0.3185

Square

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



48.6889, 0.2878, 0.3263



48.6889, 0.2991, 0.3044



48.6889, 0.3383, 0.3309



48.6889, 0.3260, 0.3547

Rectangle

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



48.6889, 0.2878, 0.3263



48.6889, 0.2865, 0.3081



48.6889, 0.3383, 0.3309



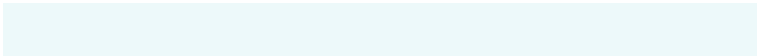
48.6889, 0.3395, 0.3495

Sweetspot

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



48.6909, 0.2878, 0.3263



92.8023, 0.3049, 0.3282



48.3357, 0.3095, 0.3710



19.8308, 0.3038, 0.3281



97.7402, 0.3127, 0.3290



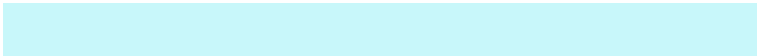
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6909, 0.2878, 0.3263



85.5773, 0.2825, 0.3257



42.2220, 0.2869, 0.3050



11.3188, 0.2984, 0.3275



24.6164, 0.2194, 0.3099



1.0963, 0.2207, 0.3144

Inverse Universe

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



40.5671, 0.3163, 0.2908



68.2815, 0.3172, 0.2821



45.9752, 0.3402, 0.3519



10.2365, 0.3147, 0.3077



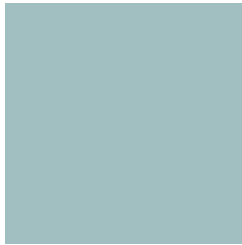
9.7673, 0.3368, 0.1629



0.4253, 0.3329, 0.1608

Previews

White Background



This preview shows how the Yxy color 48.6889, 0.2878, 0.3263 looks on a white background.

Color Contrast Check

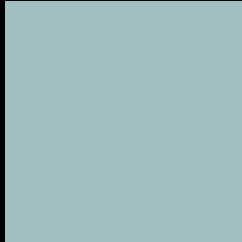
Large Text (above 18pt) WCAG AA × Fail

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 48.6889, 0.2878, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

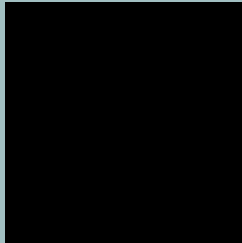
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

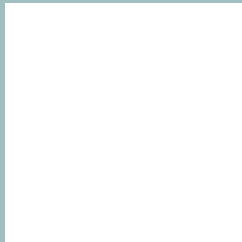
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6889, 0.2878, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 48.6889, 0.2878, 0.3263.



This preview shows how white text looks on a background with the Yxy color 48.6889, 0.2878, 0.3263.

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

48.6889, 0.2878, 0.3263

Protanopia

48.5199, 0.3113, 0.3226

Deuteranopia

48.5884, 0.3161, 0.3106



Tritanopia

48.5414, 0.2817, 0.3094

Trichromacy



Original Color

48.6889, 0.2878, 0.3263

Protanomaly

48.7233, 0.3031, 0.3251

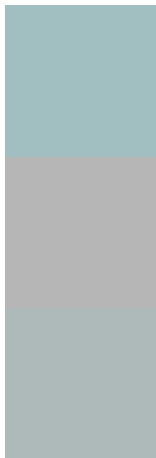
Deuteranomaly

48.4903, 0.3058, 0.3163

Tritanomaly

48.6784, 0.2837, 0.3158

Monochromacy



Original Color

48.6889, 0.2878, 0.3263

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2418, 0.3029, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6889, 0.2878, 0.3263 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(161, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(161, 191, 193)  
}
```

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(161, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 191, 193) }
```

Border

The CSS property to change the border of an element to Yxy 48.6889, 0.2878, 0.3263 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(161, 191, 193) }
```

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

```
.border{ border-color:rgb(161, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(161, 191,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6889, 0.2878, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 191, 193) }
```

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

```
.background{ background-color: rgb(161,  
191, 193) }
```

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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