

Converting Colors

$Yxy(48.4887, 0.2849, 0.3181)$

Have a look what the booklet for
Yxy(48.4887, 0.2849, 0.3181)
contains.

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Color

Yxy(48.5855, 0.2851, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	A2BEC6
RGB	162, 190, 198
RGB Percent	64%, 75%, 78%
CMY	0.3647, 0.2549, 0.2236
CMYK	0.18, 0.04, 0.00, 0.22
HSL	193°, 24%, 71%
HSV	193°, 18%, 78%
XYZ	43.5042, 48.5855, 60.5030
YIQ	182.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

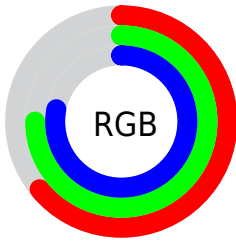
Format	Color
R_{YB}	162, 178, 198
Decimal	10665670
CIE _{Lab}	75.19, -7.74, -7.20
CIE _{LCh}	75, 10.569, 222.913
Yxy	48.5855, 0.2851, 0.3184
Android (android.graphics.Color)	4288855750 (0xFFA2BEC6)
YUV	182.5400, 7.6218, -18.0136
Hunter-Lab	69.7033, -10.5729, -2.6719

Details

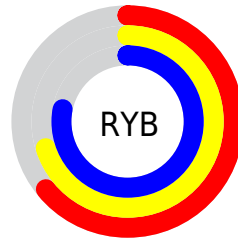
The Yxy color **48.5855, 0.2851, 0.3184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3519, 0.3458, 0.3394**, and the grayscale version is **47.0543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8832, 0.2897, 0.3197**, and **23.2199, 0.2780, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **44.8017, 0.2705, 0.3118**, and if you desaturate by 10%, it is **52.7570, 0.3002, 0.3245**.

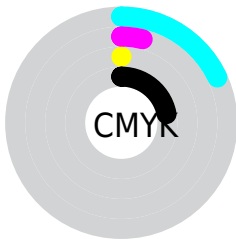
Distribution



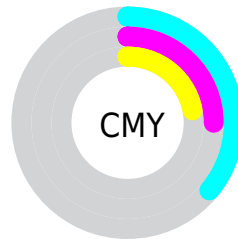
- Red (64%)
- Green (75%)
- Blue (78%)



- Red (64%)
- Yellow (70%)
- Blue (78%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (36%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5855, 0.2851, 0.3184 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 48.5855, 0.2851, 0.3184 by changing the saturation by 10% instead.


 48.5855, 0.2851,
0.3184


 48.5855, 0.2851,
0.3184

381.1082, 0.2987,
0.3238

 34.2908, 0.2818,
0.3170


 88.0755, 0.2900,
0.3204

 23.1171, 0.2775,
0.3152


 114.0396, 0.2918,
0.3211

 14.6800, 0.2719,
0.3129

144.6623, 0.2934,
0.3217

 8.5951, 0.2643,
0.3095

180.3279, 0.2948,
0.3223

 4.4780, 0.2530,
0.3043

221.4210, 0.2959,
0.3227

 1.9444, 0.2352,
0.2956

268.3258, 0.2970,

 0.5749, 0.1726,

0.3231

0.2776

321.4267, 0.2979,
0.3235

0.0000, 0.0000,
0.0000

48.5855, 0.2851,
0.3184

48.5855, 0.2851,
0.3184

44.8017, 0.2705,
0.3118

52.7570, 0.3002,
0.3245

41.3839, 0.2566,
0.3047

57.3249, 0.3155,
0.3300

38.3172, 0.2438,
0.2973

62.3051, 0.3307,
0.3349

35.5830, 0.2325,
0.2894

67.7107, 0.3457,
0.3393

33.1609, 0.2228,
0.2814

72.4012, 0.3556,
0.3434

■ 31.0278, 0.2150,
0.2732

■ 74.6251, 0.3546,
0.3479

■ 29.1567, 0.2091,
0.2651

■ 76.9092, 0.3537,
0.3523

■ 27.5065, 0.2050,
0.2570

■ 79.2539, 0.3527,
0.3566

■ 27.2186, 0.2043,
0.2556

■ 81.6596, 0.3518,
0.3609

Harmonies

Analogous

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



48.5855, 0.2910, 0.3315



48.5855, 0.2851, 0.3184



48.5855, 0.2864, 0.3086

Triad

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



48.5855, 0.2851, 0.3184



48.5855, 0.3225, 0.3144



48.5855, 0.3308, 0.3544

Complementary

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



48.5855, 0.2851, 0.3184



43.3519, 0.3458, 0.3394

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.



48.5855, 0.3396, 0.3490



48.5855, 0.2851, 0.3184



48.5855, 0.3348, 0.3260

Square

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



48.5855, 0.2851, 0.3184



48.5855, 0.3077, 0.3066



48.5855, 0.3412, 0.3385



48.5855, 0.3172, 0.3527

Rectangle

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



48.5855, 0.2851, 0.3184



48.5855, 0.2912, 0.3051



48.5855, 0.3412, 0.3385



48.5855, 0.3344, 0.3533

Sweetspot

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



48.5875, 0.2851, 0.3184



95.8712, 0.3050, 0.3262



50.9577, 0.3049, 0.3671



20.3993, 0.3039, 0.3258



0.0000, 0.0000, 0.0000



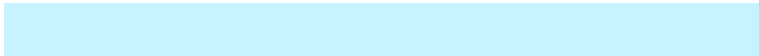
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5875, 0.2851, 0.3184



83.1880, 0.2789, 0.3157



41.3353, 0.2838, 0.2942



11.6532, 0.2984, 0.3238



17.8348, 0.2046, 0.2566



0.9459, 0.2093, 0.2734

Inverse Universe

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



41.5603, 0.3218, 0.2939



68.5055, 0.3242, 0.2856



50.4890, 0.3419, 0.3616



10.7748, 0.3171, 0.3112



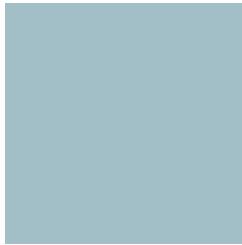
9.3404, 0.3857, 0.1898



0.4525, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 48.5855, 0.2851, 0.3184 looks on a white background.

Color Contrast Check

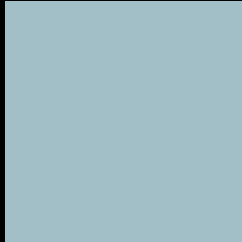
Large Text (above 18pt) WCAG AA × Fail

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 48.5855, 0.2851, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

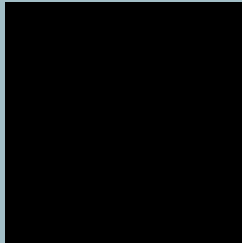
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

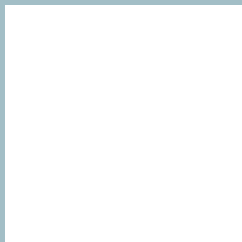
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5855, 0.2851, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 48.5855, 0.2851, 0.3184.



This preview shows how white text looks on a background with the Yxy color 48.5855, 0.2851, 0.3184.

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

48.5855, 0.2851, 0.3184

Protanopia

48.4903, 0.3058, 0.3163

Deuteranopia

48.5484, 0.3105, 0.3044



Tritanopia

48.5414, 0.2817, 0.3094

Trichromacy



Original Color

48.5855, 0.2851, 0.3184

Protanomaly

48.4051, 0.2986, 0.3174

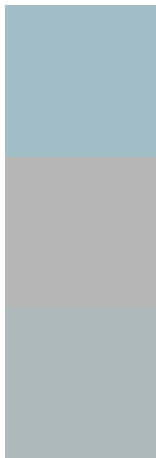
Deuteranomaly

48.5948, 0.3012, 0.3100

Tritanomaly

48.4460, 0.2830, 0.3119

Monochromacy



Original Color

48.5855, 0.2851, 0.3184

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.8626, 0.3022, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5855, 0.2851, 0.3184 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(162, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 190, 198)  
}
```

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(162, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 48.5855, 0.2851, 0.3184 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(162, 190, 198) }
```

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

```
.border{ border-color:rgb(162, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(162, 190,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5855, 0.2851, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 190, 198) }
```

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

```
.background{ background-color: rgb(162,  
190, 198) }
```

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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