

Converting Colors

$Yxy(48.7671, 0.2861, 0.3224)$

Have a look what the booklet for
Yxy(48.7671, 0.2861, 0.3224)
contains.

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Color

Yxy(48.8242, 0.2858, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	A1BFC4
RGB	161, 191, 196
RGB Percent	63%, 75%, 77%
CMY	0.3686, 0.2510, 0.2314
CMYK	0.18, 0.03, 0.00, 0.23
HSL	189°, 23%, 70%
HSV	189°, 18%, 77%
XYZ	43.2949, 48.8242, 59.3677
YIQ	182.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

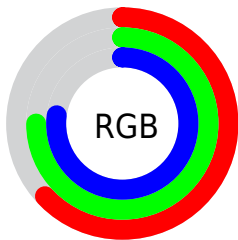
Format	Color
RYB	161, 177, 196
Decimal	10600388
CIELab	75.34, -9.00, -5.90
CIELCh	75, 10.766, 213.260
Yxy	48.8242, 0.2858, 0.3223
Android (android.graphics.Color)	4288790468 (0xFFA1BFC4)
YUV	182.6000, 6.6062, -18.9432
Hunter-Lab	69.8743, -11.6794, -1.4629

Details

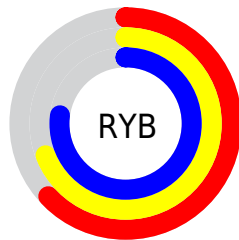
The Yxy color **48.8242, 0.2858, 0.3223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5895, 0.3457, 0.3356**, and the grayscale version is **47.0972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2123, 0.2902, 0.3228**, and **23.3812, 0.2789, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **45.7359, 0.2716, 0.3181**, and if you desaturate by 10%, it is **52.2591, 0.3007, 0.3262**.

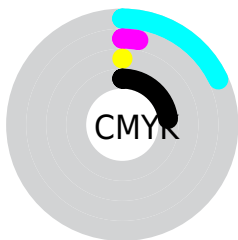
Distribution



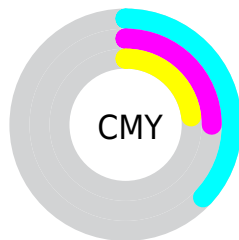
- Red (63%)
- Green (75%)
- Blue (77%)



- Red (63%)
- Yellow (69%)
- Blue (77%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (37%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8242, 0.2858, 0.3223 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 48.8242, 0.2858, 0.3223 by changing the saturation by 10% instead.

■ 48.8242, 0.2858,
0.3223

■ 48.8242, 0.2858,
0.3223

■ 382.0498, 0.2991,
0.3258

■ 34.4800, 0.2826,
0.3214

■ 88.4303, 0.2906,
0.3236

■ 23.2626, 0.2784,
0.3202

■ 114.4610, 0.2924,
0.3241

■ 14.7875, 0.2730,
0.3187

■ 145.1561, 0.2939,
0.3245

■ 8.6704, 0.2655,
0.3164

■ 180.8998, 0.2952,
0.3248

■ 4.5268, 0.2546,
0.3129

■ 222.0767, 0.2964,
0.3251

■ 1.9724, 0.2371,
0.3068

■ 269.0710, 0.2974,

■ 0.5914, 0.1717,

0.3253

0.2967

322.2673, 0.2983,
0.3256

0.0000, 0.0000,
0.0000

48.8242, 0.2858,
0.3223

48.8242, 0.2858,
0.3223

45.7359, 0.2716,
0.3181

52.2591, 0.3007,
0.3262

42.9732, 0.2583,
0.3136

56.0486, 0.3160,
0.3297

40.5221, 0.2464,
0.3089

60.2079, 0.3315,
0.3329

38.3649, 0.2359,
0.3040

64.7494, 0.3468,
0.3358

36.4820, 0.2273,
0.2990

68.9148, 0.3587,
0.3384

■ 34.8516, 0.2205,
0.2939

■ 70.2679, 0.3580,
0.3413

■ 33.4478, 0.2157,
0.2889

■ 71.6451, 0.3574,
0.3441

■ 32.2324, 0.2125,
0.2839

■ 73.0466, 0.3568,
0.3470

■ 31.9822, 0.2119,
0.2828

■ 74.4724, 0.3561,
0.3498

Harmonies

Analogous

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



48.8242, 0.2939, 0.3360



48.8242, 0.2858, 0.3223



48.8242, 0.2847, 0.3109

Triad

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



48.8242, 0.2858, 0.3223



48.8242, 0.3179, 0.3111



48.8242, 0.3347, 0.3538

Complementary

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



48.8242, 0.2858, 0.3223



41.5895, 0.3457, 0.3356

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.



48.8242, 0.3415, 0.3463



48.8242, 0.2858, 0.3223



48.8242, 0.3317, 0.3219

Square

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



48.8242, 0.2858, 0.3223



48.8242, 0.3030, 0.3048



48.8242, 0.3404, 0.3347



48.8242, 0.3220, 0.3545

Rectangle

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



48.8242, 0.2858, 0.3223



48.8242, 0.2881, 0.3061



48.8242, 0.3404, 0.3347



48.8242, 0.3377, 0.3519

Sweetspot

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



48.8262, 0.2858, 0.3223



96.5038, 0.3049, 0.3272



49.8015, 0.3071, 0.3704



20.5535, 0.3038, 0.3269



0.0000, 0.0000, 0.0000



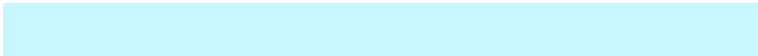
21.4041, 0.3127, 0.3290

Same Dimension

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



48.8262, 0.2858, 0.3223



86.4314, 0.2808, 0.3209



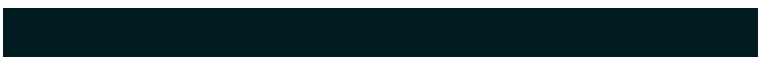
41.7768, 0.2846, 0.2990



11.1750, 0.2984, 0.3256



20.6457, 0.2121, 0.2835



0.9607, 0.2152, 0.2946

Inverse Universe

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



40.9934, 0.3191, 0.2913



69.9800, 0.3206, 0.2837



48.2491, 0.3419, 0.3573



10.2220, 0.3159, 0.3095



9.3664, 0.3602, 0.1758



0.4116, 0.3502, 0.1703

Previews

White Background



This preview shows how the Yxy color 48.8242, 0.2858, 0.3223 looks on a white background.

Color Contrast Check

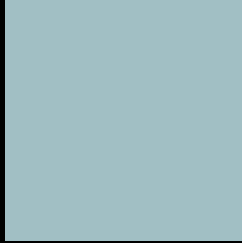
Large Text (above 18pt) WCAG AA × Fail

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 48.8242, 0.2858, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

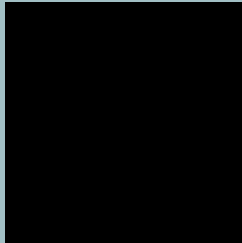
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

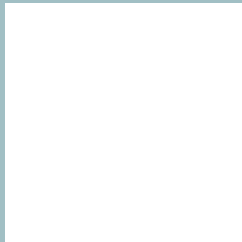
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8242, 0.2858, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 48.8242, 0.2858, 0.3223.



This preview shows how white text looks on a background with the Yxy color 48.8242, 0.2858, 0.3223.

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

48.8242, 0.2858, 0.3223

Protanopia

48.5259, 0.3082, 0.3188

Deuteranopia

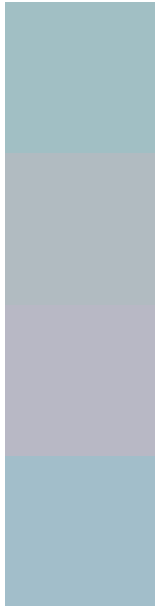
48.5901, 0.3129, 0.3069



Tritanopia

49.0212, 0.2811, 0.3094

Trichromacy



Original Color

48.8242, 0.2858, 0.3223

Protanomaly

48.7380, 0.3001, 0.3212

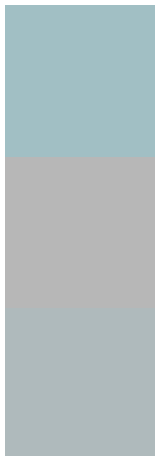
Deuteranomaly

48.5025, 0.3027, 0.3125

Tritanomaly

48.7726, 0.2824, 0.3132

Monochromacy



Original Color

48.8242, 0.2858, 0.3223

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 48.8242, 0.2858, 0.3223 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 191, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 191, 196) }
```

Border

The CSS property to change the border of an element to Yxy 48.8242, 0.2858, 0.3223 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, 196) }
```

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

```
.border{ border-color:rgb(161, 191, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 191,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8242, 0.2858, 0.3223 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, 196) }
```

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

```
.background{ background-color: rgb(161,  
191, 196) }
```

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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