

Converting Colors

$Yxy(48.3913, 0.2758, 0.3554)$

Have a look what the booklet for
Yxy(48.3913, 0.2758, 0.3554)
contains.

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Color

Yxy(48.3887, 0.2761, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	82C6B3
RGB	130, 198, 179
RGB Percent	51%, 78%, 70%
CMY	0.4905, 0.2235, 0.2981
CMYK	0.34, 0.00, 0.10, 0.22
HSL	163°, 37%, 64%
HSV	163°, 34%, 78%
XYZ	37.5284, 48.3887, 50.0062
YIQ	175.5020, -34.4290, -20.3250

Conversions

Conversions Part 2

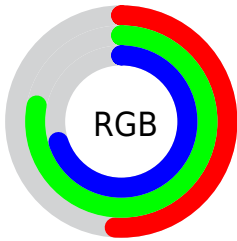
Format	Color
RYB	130, 170, 198
Decimal	8570547
CIELab	75.07, -25.73, 2.71
CIELCh	75, 25.871, 173.988
Yxy	48.3887, 0.2761, 0.3560
Android (android.graphics.Color)	4286760627 (0xFF82C6B3)
YUV	175.5020, 1.7245, -39.9053
Hunter-Lab	69.5620, -25.4334, 6.0715

Details

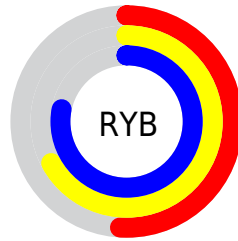
The Yxy color **48.3887, 0.2761, 0.3560** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.1243, 0.3702, 0.3040**, and the grayscale version is **43.1413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8324, 0.2826, 0.3507**, and **23.0307, 0.2661, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **46.7541, 0.2675, 0.3653**, and if you desaturate by 10%, it is **50.3374, 0.2859, 0.3473**.

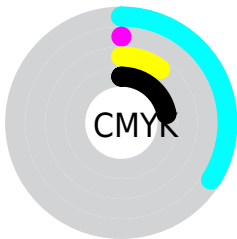
Distribution



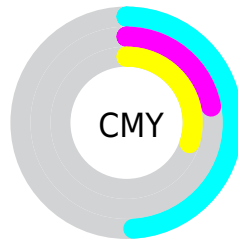
- Red (51%)
- Green (78%)
- Blue (70%)



- Red (51%)
- Yellow (67%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (49%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3887, 0.2761, 0.3560 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 48.3887, 0.2761, 0.3560 by changing the saturation by 10% instead.

 48.3887, 0.2761,
0.3560


 48.3887, 0.2761,
0.3560


380.3308, 0.2943,
0.3424

 34.1348, 0.2716,
0.3594


 87.7829, 0.2827,
0.3511

 22.9972, 0.2658,
0.3638


 113.6919, 0.2852,
0.3492

 14.5914, 0.2581,
0.3697


 144.2548, 0.2873,
0.3476

 8.5331, 0.2474,
0.3779

179.8560, 0.2891,
0.3463

 4.4379, 0.2316,
0.3903

220.8797, 0.2907,
0.3451

 1.9214, 0.2060,
0.4110

267.7105, 0.2920,

 0.5612, 0.0000,

0.3441

0.5710

320.7327, 0.2933,
0.3432

0.0000, 0.0000,
0.0000

48.3887, 0.2761,
0.3560

48.3887, 0.2761,
0.3560

46.7541, 0.2675,
0.3653

50.3374, 0.2859,
0.3473

45.4104, 0.2603,
0.3752

52.6105, 0.2965,
0.3393

44.3402, 0.2549,
0.3854

55.2248, 0.3077,
0.3320


43.5220, 0.2513,
0.3959

58.1943, 0.3192,
0.3254


42.9309, 0.2497,
0.4065


61.5323, 0.3308,
0.3195

 42.5367, 0.2500,
0.4169

 65.2513, 0.3424,
0.3143

 42.3694, 0.2508,
0.4228

 66.7030, 0.3431,
0.3090

 66.9970, 0.3388,
0.3035

 67.3008, 0.3345,
0.2980

Harmonies

Analogous

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



48.3887, 0.3092, 0.3834



48.3887, 0.2761, 0.3560



48.3887, 0.2535, 0.3214

Triad

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



48.3887, 0.2761, 0.3560



48.3887, 0.2791, 0.2712



48.3887, 0.3840, 0.3605

Complementary

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



48.3887, 0.2761, 0.3560



30.1243, 0.3702, 0.3040

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.



48.3887, 0.3754, 0.3314



48.3887, 0.2761, 0.3560



48.3887, 0.3131, 0.2819

Square

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



48.3887, 0.2761, 0.3560



48.3887, 0.2552, 0.2742



48.3887, 0.3489, 0.3034



48.3887, 0.3722, 0.3836

Rectangle

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



48.3887, 0.2761, 0.3560



48.3887, 0.2468, 0.3004



48.3887, 0.3489, 0.3034



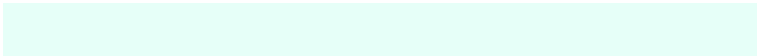
48.3887, 0.3834, 0.3511

Sweetspot

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



48.3907, 0.2761, 0.3560



95.0300, 0.3012, 0.3361



48.4162, 0.3227, 0.4263



20.2018, 0.2996, 0.3372



0.0000, 0.0000, 0.0000



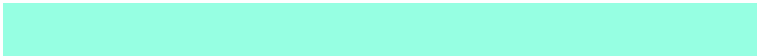
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3907, 0.2761, 0.3560



83.5262, 0.2697, 0.3627



42.7951, 0.2618, 0.3080



12.0151, 0.3020, 0.3355



27.5641, 0.2504, 0.4214



1.3170, 0.2444, 0.3997

Inverse Universe

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



30.1243, 0.3702, 0.3040



46.4981, 0.3880, 0.2986



33.7727, 0.3863, 0.3488



10.6848, 0.3246, 0.3226



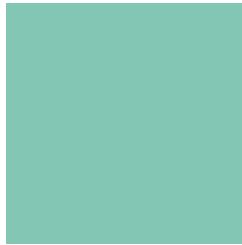
8.0018, 0.5811, 0.2975



0.3916, 0.5198, 0.2637

Previews

White Background



This preview shows how the Yxy color 48.3887, 0.2761, 0.3560 looks on a white background.

Color Contrast Check

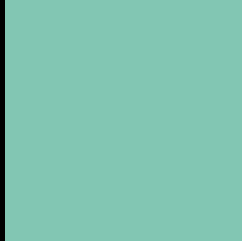
Large Text (above 18pt) WCAG AA × Fail

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 48.3887, 0.2761, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

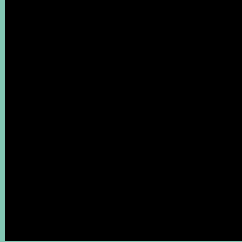
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

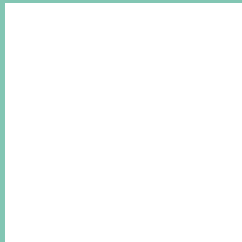
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3887, 0.2761, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 48.3887, 0.2761, 0.3560.

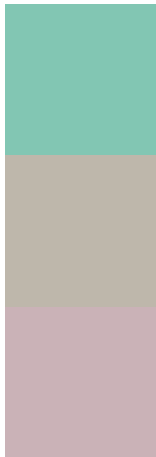


This preview shows how white text looks on a background with the Yxy color 48.3887, 0.2761, 0.3560.

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

48.3887, 0.2761, 0.3560

Protanopia

47.7544, 0.3284, 0.3445

Deuteranopia

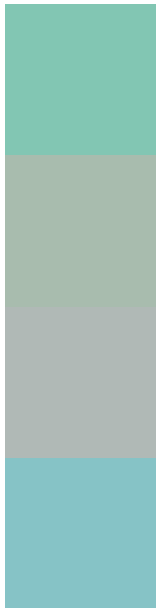
47.8162, 0.3297, 0.3229



Tritanopia

48.5054, 0.2617, 0.3087

Trichromacy



Original Color

48.3887, 0.2761, 0.3560

Protanomaly

47.3473, 0.3069, 0.3479

Deuteranomaly

47.3054, 0.3075, 0.3329

Tritanomaly

48.1758, 0.2665, 0.3247

Monochromacy



Original Color

48.3887, 0.2761, 0.3560

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.3725, 0.2982, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3887, 0.2761, 0.3560 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(130, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(130, 198, 179)  
}
```

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(130, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 198, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.3887, 0.2761, 0.3560 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(130, 198, 179) }
```

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

```
.border{ border-color:rgb(130, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 198, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 198, 179); box-shadow:4px 4px 4px 4px rgb(130, 198, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3887, 0.2761, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 198, 179) }
```

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

```
.background{ background-color: rgb(130,  
198, 179) }
```

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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