

Converting Colors

$Yxy(48.5348, 0.2632, 0.3302)$

Have a look what the booklet for
Yxy(48.5348, 0.2632, 0.3302)
contains.

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Color

Yxy(48.3536, 0.2632, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	7EC5C4
RGB	126, 197, 196
RGB Percent	49%, 77%, 77%
CMY	0.5059, 0.2274, 0.2315
CMYK	0.36, 0.00, 0.01, 0.23
HSL	179°, 38%, 63%
HSV	179°, 36%, 77%
XYZ	38.5306, 48.3536, 59.5087
YIQ	175.6570, -41.9950, -15.3630

Conversions

Conversions Part 2

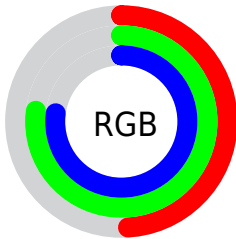
Format	Color
RYB	126, 162, 197
Decimal	8308164
CIELab	75.05, -22.40, -6.54
CIElCh	75, 23.332, 196.282
Yxy	48.3536, 0.2632, 0.3303
Android (android.graphics.Color)	4286498244 (0xFF7EC5C4)
YUV	175.6570, 10.0291, -43.5492
Hunter-Lab	69.5368, -22.7817, -2.0640

Details

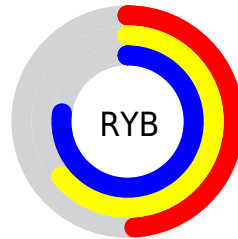
The Yxy color **48.3536, 0.2632, 0.3303** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.3251, 0.3973, 0.3279**, and the grayscale version is **43.1909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9206, 0.2719, 0.3300**, and **22.9756, 0.2502, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **46.9894, 0.2525, 0.3307**, and if you desaturate by 10%, it is **50.0165, 0.2755, 0.3299**.

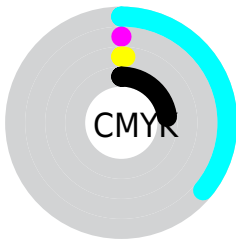
Distribution



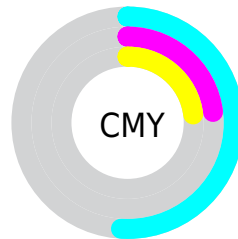
- Red (49%)
- Green (77%)
- Blue (77%)



- Red (49%)
- Yellow (64%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)





- Cyan (51%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3536, 0.2632, 0.3303 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 48.3536, 0.2632, 0.3303 by changing the saturation by 10% instead.


 48.3536, 0.2632,
0.3303


 48.3536, 0.2632,
0.3303


380.1920, 0.2875,
0.3301


 34.1070, 0.2573,
0.3302


 87.7306, 0.2719,
0.3303

 22.9758, 0.2498,
0.3301


 113.6299, 0.2752,
0.3303

 14.5756, 0.2400,
0.3298


 144.1821, 0.2780,
0.3303

 8.5221, 0.2267,
0.3291

179.7717, 0.2804,
0.3302

 4.4308, 0.2074,
0.3276

220.7831, 0.2825,
0.3302

 1.9174, 0.1777,
0.3239

267.6007, 0.2844,

 0.5588, 0.0000,

0.3301

320.6089, 0.2860,
0.3301

0.3432

0.0000, 0.0000,
0.0000

48.3536, 0.2632,
0.3303

48.3536, 0.2632,
0.3303

46.9894, 0.2525,
0.3307

50.0165, 0.2755,
0.3299

45.9008, 0.2435,
0.3312

51.9885, 0.2890,
0.3295

45.0706, 0.2365,
0.3316

54.2861, 0.3036,
0.3292

44.4770, 0.2313,
0.3321

56.9234, 0.3188,
0.3289

44.0948, 0.2280,
0.3325

59.9133, 0.3345,
0.3286

■ 43.8924, 0.2263,
0.3330

■ 63.2682, 0.3504,
0.3284

■ 43.8370, 0.2259,
0.3332

■ 65.2725, 0.3589,
0.3281

■ 65.2858, 0.3587,
0.3278

■ 65.2991, 0.3585,
0.3275

Harmonies

Analogous

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



48.3536, 0.2868, 0.3606



48.3536, 0.2632, 0.3303



48.3536, 0.2527, 0.3015

Triad

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



48.3536, 0.2632, 0.3303



48.3536, 0.3048, 0.2826



48.3536, 0.3708, 0.3741

Complementary

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



48.3536, 0.2632, 0.3303



28.3251, 0.3973, 0.3279

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.



48.3536, 0.3767, 0.3513



48.3536, 0.2632, 0.3303



48.3536, 0.3375, 0.3000

Square

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



48.3536, 0.2632, 0.3303



48.3536, 0.2757, 0.2760



48.3536, 0.3644, 0.3246



48.3536, 0.3490, 0.3861

Rectangle

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



48.3536, 0.2632, 0.3303



48.3536, 0.2540, 0.2873



48.3536, 0.3644, 0.3246



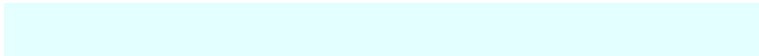
48.3536, 0.3748, 0.3673

Sweetspot

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



48.3555, 0.2632, 0.3303



95.0364, 0.2960, 0.3294



45.9681, 0.3085, 0.4362



20.2219, 0.2940, 0.3294



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.



48.3555, 0.2632, 0.3303



84.6889, 0.2549, 0.3306



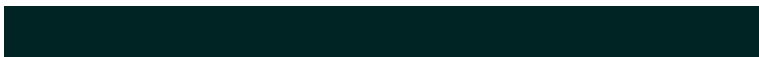
34.5496, 0.2556, 0.2784



12.0648, 0.2986, 0.3293



28.8322, 0.2259, 0.3331



1.3661, 0.2256, 0.3322

Inverse Universe

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



28.3251, 0.3973, 0.3279



43.7230, 0.4248, 0.3277



38.6297, 0.3821, 0.3744



10.6394, 0.3287, 0.3287



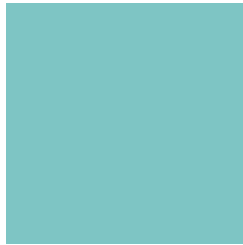
7.8129, 0.6383, 0.3290



0.3708, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 48.3536, 0.2632, 0.3303 looks on a white background.

Color Contrast Check

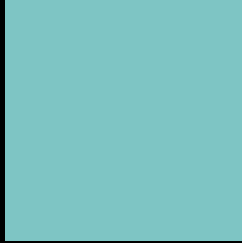
Large Text (above 18pt) WCAG AA × Fail

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 48.3536, 0.2632, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

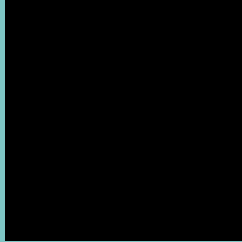
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

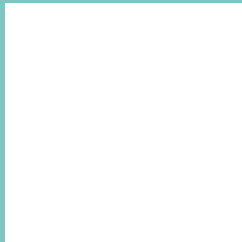
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3536, 0.2632, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 48.3536, 0.2632, 0.3303.

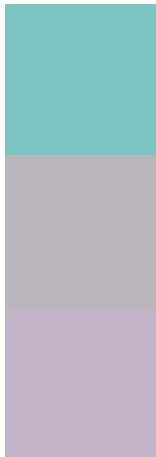


This preview shows how white text looks on a background with the Yxy color 48.3536, 0.2632, 0.3303.

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

48.3536, 0.2632, 0.3303

Protanopia

47.9369, 0.3113, 0.3226

Deuteranopia

48.0124, 0.3097, 0.3031



Tritanopia

48.4292, 0.2571, 0.3085

Trichromacy



Original Color

48.3536, 0.2632, 0.3303

Protanomaly

47.6205, 0.2913, 0.3249

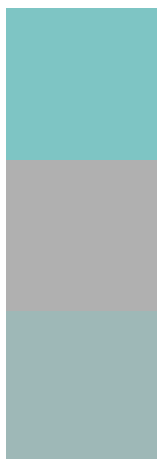
Deuteranomaly

47.7874, 0.2902, 0.3120

Tritanomaly

48.5548, 0.2595, 0.3165

Monochromacy



Original Color

48.3536, 0.2632, 0.3303

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.9690, 0.2923, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3536, 0.2632, 0.3303 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(126, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(126, 197, 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(126, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 197, 196) }
```

Border

The CSS property to change the border of an element to Yxy 48.3536, 0.2632, 0.3303 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(126, 197, 196) }
```

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

```
.border{ border-color:rgb(126, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(126, 197,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3536, 0.2632, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 197, 196) }
```

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

```
.background{ background-color: rgb(126,  
197, 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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