

Converting Colors

$Y_{xy}(57.2638, 0.2653, 0.3622)$

Have a look what the booklet for
Yxy(57.2638, 0.2653, 0.3622)
contains.

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Color

Yxy(57.3534, 0.2654, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	77D9C0
RGB	119, 217, 192
RGB Percent	47%, 85%, 75%
CMY	0.5333, 0.1490, 0.2472
CMYK	0.45, 0.00, 0.12, 0.15
HSL	165°, 56%, 66%
HSV	165°, 45%, 85%
XYZ	41.9328, 57.3534, 58.7122
YIQ	184.8480, -50.3830, -28.5510

Conversions

Conversions Part 2

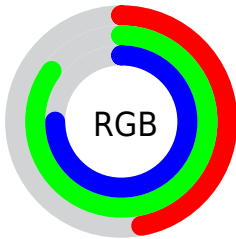
Format	Color
RYB	119, 175, 217
Decimal	7854528
CIELab	80.38, -34.79, 3.38
CIElCh	80, 34.952, 174.447
Yxy	57.3534, 0.2654, 0.3630
Android (android.graphics.Color)	4286044608 (0xFF77D9C0)
YUV	184.8480, 3.5259, -57.7487
Hunter-Lab	75.7320, -33.6957, 7.0471

Details

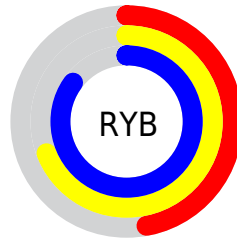
The Yxy color **57.3534, 0.2654, 0.3630** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.9627, 0.4014, 0.2988**, and the grayscale version is **48.4287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5274, 0.2714, 0.3365**, and **28.6968, 0.2529, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **55.7504, 0.2582, 0.3720**, and if you desaturate by 10%, it is **59.3207, 0.2742, 0.3544**.

Distribution



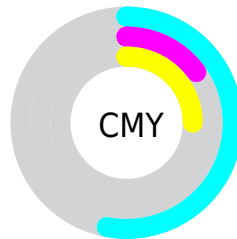
- Red (47%)
- Green (85%)
- Blue (75%)



- Red (47%)
- Yellow (69%)
- Blue (85%)



- Cyan (45%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (53%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3534, 0.2654, 0.3630 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 57.3534, 0.2654, 0.3630 by changing the saturation by 10% instead.


 57.3534, 0.2654,
0.3630


 57.3534, 0.2654,
0.3630


414.7722, 0.2883,
0.3464


 41.2890, 0.2599,
0.3670


 100.9807, 0.2735,
0.3570

 28.5450, 0.2530,
0.3722


 129.3124, 0.2766,
0.3548

 18.7369, 0.2441,
0.3789


 162.5019, 0.2793,
0.3529

 11.4803, 0.2320,
0.3880

200.9338, 0.2816,
0.3512

 6.3909, 0.2149,
0.4013

244.9924, 0.2836,
0.3498

 3.0842, 0.1890,
0.4220

295.0621, 0.2853,

 1.1758, 0.0997,

0.3485

0.4831

351.5272, 0.2869,
0.3474

■ 0.0418, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3534, 0.2654,
0.3630

■ 57.3534, 0.2654,
0.3630

■ 55.7504, 0.2582,
0.3720

■ 59.3207, 0.2742,
0.3544

■ 54.4806, 0.2527,
0.3814


■ 61.6675, 0.2841,
0.3464


■ 53.5190, 0.2491,
0.3910


■ 64.4163, 0.2950,
0.3390

■ 52.8338, 0.2476,
0.4006

■ 67.5857, 0.3066,
0.3322

 52.3861, 0.2479,
0.4101


 71.1935, 0.3185,
0.3261

 52.2222, 0.2485,
0.4147

 75.2561, 0.3306,
0.3207

 76.6456, 0.3309,
0.3153

 76.9634, 0.3271,
0.3099

 77.2913, 0.3233,
0.3045

Harmonies

Analogous

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



57.3534, 0.3068, 0.3993



57.3534, 0.2654, 0.3630



57.3534, 0.2378, 0.3178

Triad

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



57.3534, 0.2654, 0.3630



57.3534, 0.2704, 0.2567



57.3534, 0.4037, 0.3681

Complementary

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



57.3534, 0.2654, 0.3630



29.9627, 0.4014, 0.2988

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.



57.3534, 0.3934, 0.3317



57.3534, 0.2654, 0.3630



57.3534, 0.3135, 0.2704

Square

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



57.3534, 0.2654, 0.3630



57.3534, 0.2407, 0.2595



57.3534, 0.3594, 0.2970



57.3534, 0.3877, 0.3981

Rectangle

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



57.3534, 0.2654, 0.3630



57.3534, 0.2299, 0.2912



57.3534, 0.3594, 0.2970



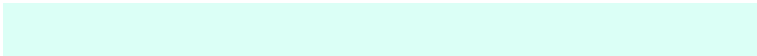
57.3534, 0.4033, 0.3562

Sweetspot

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



57.3557, 0.2654, 0.3630



93.2731, 0.2962, 0.3383



56.9933, 0.3234, 0.4626



19.7659, 0.2938, 0.3398



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.



57.3557, 0.2654, 0.3630



80.4807, 0.2586, 0.3714



47.5781, 0.2469, 0.2978



14.7698, 0.3016, 0.3350



31.6286, 0.2481, 0.4133



2.0627, 0.2438, 0.3978

Inverse Universe

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



29.9627, 0.4014, 0.2988



36.3352, 0.4309, 0.2935



35.3930, 0.4198, 0.3572



13.1058, 0.3252, 0.3230



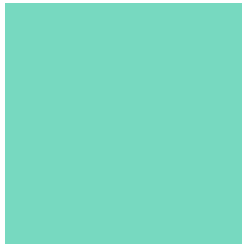
9.1140, 0.5902, 0.3025



0.6044, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 57.3534, 0.2654, 0.3630 looks on a white background.

Color Contrast Check

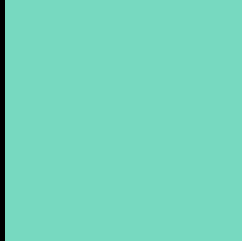
Large Text (above 18pt) WCAG AA × Fail

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 57.3534, 0.2654, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

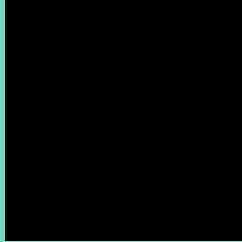
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

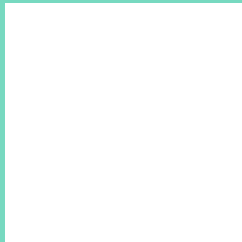
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3534, 0.2654, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 57.3534, 0.2654, 0.3630.

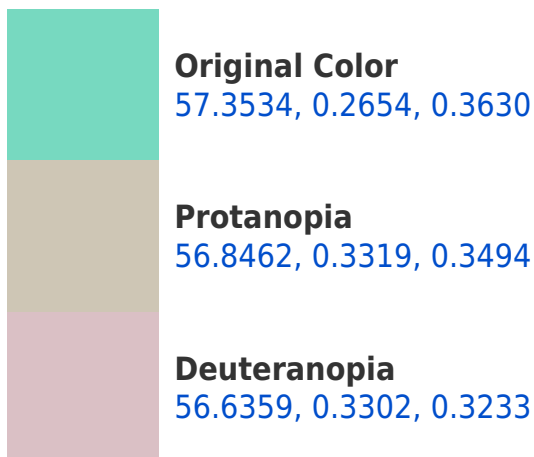


This preview shows how white text looks on a background with the Yxy color 57.3534, 0.2654, 0.3630.

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





Tritanopia

57.4112, 0.2501, 0.3072

Trichromacy



Original Color

57.3534, 0.2654, 0.3630



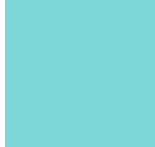
Protanomaly

56.1641, 0.3033, 0.3545



Deuteranomaly

55.6585, 0.3024, 0.3365



Tritanomaly

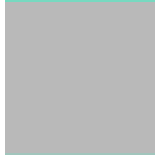
57.4110, 0.2551, 0.3262

Monochromacy



Original Color

57.3534, 0.2654, 0.3630



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.1404, 0.2916, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3534, 0.2654, 0.3630 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(119, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(119, 217, 192)  
}
```

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(119, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 217, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.3534, 0.2654, 0.3630 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(119, 217, 192) }
```

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

```
.border{ border-color:rgb(119, 217, 192) }
```

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

Here you see how a box with a 4 pixel rgb(119, 217, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(119, 217,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3534, 0.2654, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 217, 192) }
```

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

```
.background{ background-color: rgb(119,  
217, 192) }
```

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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