

Converting Colors

Yxy(53.5214, 0.2584, 0.3290)

Have a look what the booklet for
Yxy(53.5214, 0.2584, 0.3290)
contains.

Yxy(53.4906, 0.2584, 0.3288)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.4906, 0.2584, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	7DCFCF
RGB	125, 207, 207
RGB Percent	49%, 81%, 81%
CMY	0.5097, 0.1882, 0.1881
CMYK	0.40, 0.00, 0.00, 0.19
HSL	180°, 46%, 65%
HSV	180°, 40%, 81%
XYZ	42.0376, 53.4906, 67.1561
YIQ	182.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

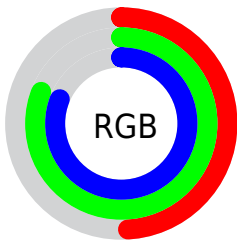
Format	Color
RYB	125, 166, 207
Decimal	8245199
CIELab	78.16, -24.93, -7.89
CIElCh	78, 26.146, 197.570
Yxy	53.4906, 0.2584, 0.3288
Android (android.graphics.Color)	4286435279 (0xFF7DCFCF)
YUV	182.4820, 12.0874, -50.4117
Hunter-Lab	73.1373, -25.3925, -3.2452

Details

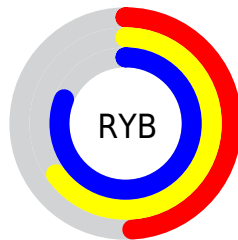
The Yxy color **53.4906, 0.2584, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.4316, 0.4116, 0.3293**, and the grayscale version is **47.0132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **26.0216, 0.2442, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **52.0898, 0.2482, 0.3288**, and if you desaturate by 10%, it is **55.2204, 0.2703, 0.3288**.

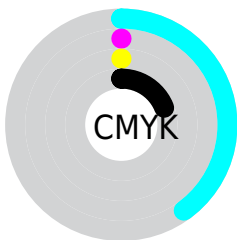
Distribution



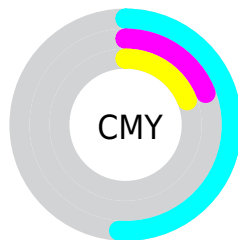
- Red (49%)
- Green (81%)
- Blue (81%)



- Red (49%)
- Yellow (65%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4906, 0.2584, 0.3288 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 53.4906, 0.2584, 0.3288 by changing the saturation by 10% instead.


 53.4906, 0.2584,
0.3288

 53.4906, 0.2584,
0.3288


400.1645, 0.2845,
0.3294


 38.1946, 0.2522,
0.3285


 95.3259, 0.2677,
0.3291

 26.1337, 0.2444,
0.3281


 122.6339, 0.2712,
0.3292

 16.9237, 0.2344,
0.3273


 154.7148, 0.2742,
0.3293

 10.1801, 0.2209,
0.3261

191.9528, 0.2768,
0.3293

 5.5185, 0.2021,
0.3239

234.7324, 0.2791,
0.3294

 2.5546, 0.1739,
0.3192

283.4379, 0.2811,

 0.9039, 0.0891,

0.3294

0.3216

338.4538, 0.2829,
0.3294

0.0000, 0.0000,
0.0000

53.4906, 0.2584,
0.3288

53.4906, 0.2584,
0.3288

52.0898, 0.2482,
0.3288

55.2204, 0.2703,
0.3288

50.9913, 0.2398,
0.3287

57.2913, 0.2836,
0.3289

50.1745, 0.2333,
0.3287


59.7228, 0.2980,
0.3289


49.6138, 0.2288,
0.3287


62.5307, 0.3133,
0.3290

49.2787, 0.2260,
0.3287


65.7302, 0.3292,
0.3291


 49.1154, 0.2247,
0.3286

 69.3356, 0.3453,
0.3291

 49.1100, 0.2246,
0.3286

 70.4147, 0.3498,
0.3291

 70.4182, 0.3498,
0.3291

 70.4216, 0.3498,
0.3291

Harmonies

Analogous

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



53.4906, 0.2832, 0.3621



53.4906, 0.2584, 0.3288



53.4906, 0.2478, 0.2979

Triad

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



53.4906, 0.2584, 0.3288



53.4906, 0.3055, 0.2796



53.4906, 0.3749, 0.3785

Complementary

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



53.4906, 0.2584, 0.3288



29.4316, 0.4116, 0.3293

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.



53.4906, 0.3823, 0.3540



53.4906, 0.2584, 0.3288



53.4906, 0.3410, 0.2987

Square

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



53.4906, 0.2584, 0.3288



53.4906, 0.2738, 0.2719



53.4906, 0.3697, 0.3253



53.4906, 0.3505, 0.3912

Rectangle

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



53.4906, 0.2584, 0.3288



53.4906, 0.2497, 0.2830



53.4906, 0.3697, 0.3253



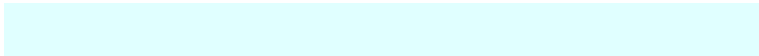
53.4906, 0.3795, 0.3712

Sweetspot

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



53.4927, 0.2584, 0.3288



94.6446, 0.2943, 0.3289



50.4814, 0.3071, 0.4495



20.1446, 0.2923, 0.3289



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.



53.4927, 0.2584, 0.3288



83.6673, 0.2492, 0.3288



36.1502, 0.2494, 0.2702



13.4064, 0.2983, 0.3290



30.9332, 0.2246, 0.3286



1.7298, 0.2246, 0.3287

Inverse Universe

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



32.4480, 0.3173, 0.2322



45.1430, 0.3182, 0.2125



42.0324, 0.3904, 0.3808



12.0090, 0.3138, 0.3061



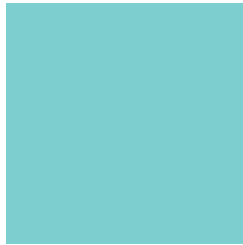
11.1940, 0.3210, 0.1542



0.6259, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 53.4906, 0.2584, 0.3288 looks on a white background.

Color Contrast Check

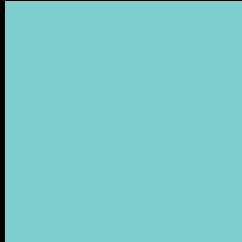
Large Text (above 18pt) WCAG AA × Fail

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 53.4906, 0.2584, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

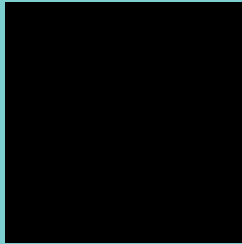
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

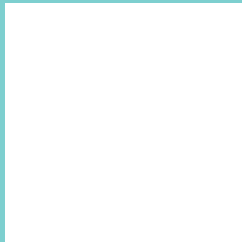
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4906, 0.2584, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 53.4906, 0.2584, 0.3288.

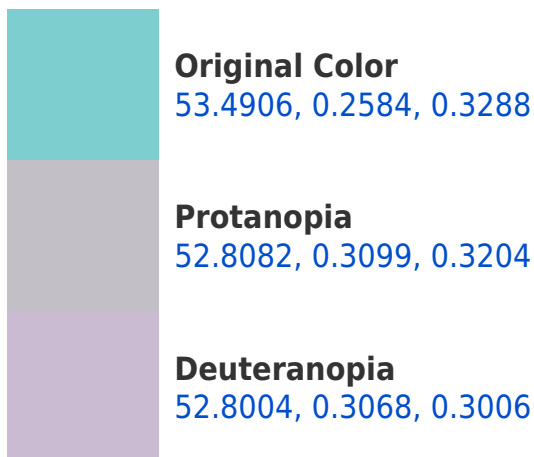


This preview shows how white text looks on a background with the Yxy color 53.4906, 0.2584, 0.3288.

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

53.5502, 0.2526, 0.3079

Trichromacy



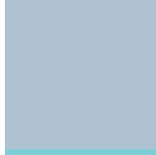
Original Color

53.4906, 0.2584, 0.3288



Protanomaly

52.5846, 0.2886, 0.3238



Deuteranomaly

52.2354, 0.2861, 0.3089



Tritanomaly

53.6897, 0.2550, 0.3156

Monochromacy



Original Color

53.4906, 0.2584, 0.3288



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.6003, 0.2892, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4906, 0.2584, 0.3288 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(125, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(125, 207, 207)  
}
```

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(125, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 207, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.4906, 0.2584, 0.3288 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(125, 207, 207) }
```

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

```
.border{ border-color:rgb(125, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(125, 207,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4906, 0.2584, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 207, 207) }
```

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

```
.background{ background-color: rgb(125,  
207, 207) }
```

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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