

Converting Colors

Yxy(53.2686, 0.2662, 0.3440)

Have a look what the booklet for
Yxy(53.2686, 0.2662, 0.3440)
contains.

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Color

Yxy(53.2004, 0.2662, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	80CFC4
RGB	128, 207, 196
RGB Percent	50%, 81%, 77%
CMY	0.4979, 0.1882, 0.2314
CMYK	0.38, 0.00, 0.05, 0.19
HSL	172°, 45%, 66%
HSV	172°, 38%, 81%
XYZ	41.1804, 53.2004, 60.3165
YIQ	182.1250, -43.5530, -20.1690

Conversions

Conversions Part 2

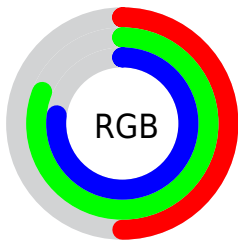
Format	Color
RYB	128, 170, 207
Decimal	8441796
CIELab	77.99, -26.80, -2.20
CIELCh	78, 26.889, 184.691
Yxy	53.2004, 0.2662, 0.3439
Android (android.graphics.Color)	4286631876 (0xFF80CFC4)
YUV	182.1250, 6.8404, -47.4676
Hunter-Lab	72.9386, -26.8632, 2.0272

Details

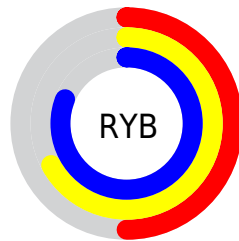
The Yxy color **53.2004, 0.2662, 0.3439** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.5760, 0.3929, 0.3151**, and the grayscale version is **46.8343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8022, 0.2731, 0.3310**, and **25.8259, 0.2539, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **51.6272, 0.2569, 0.3485**, and if you desaturate by 10%, it is **55.1078, 0.2770, 0.3396**.

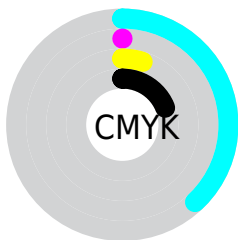
Distribution



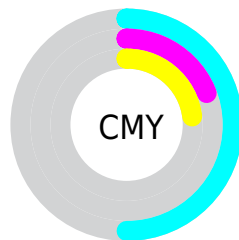
- Red (50%)
- Green (81%)
- Blue (77%)



- Red (50%)
- Yellow (67%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)




- Cyan (50%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2004, 0.2662, 0.3439 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 53.2004, 0.2662, 0.3439 by changing the saturation by 10% instead.

 53.2004, 0.2662,
0.3439


 53.2004, 0.2662,
0.3439


399.0535, 0.2888,
0.3368


 37.9628, 0.2608,
0.3456


 94.8992, 0.2742,
0.3414

 25.9538, 0.2539,
0.3476


 122.1291, 0.2773,
0.3404

 16.7891, 0.2450,
0.3503


 154.1253, 0.2799,
0.3396

 10.0842, 0.2330,
0.3538

191.2721, 0.2822,
0.3389

 5.4548, 0.2158,
0.3587

233.9540, 0.2841,
0.3383

 2.5165, 0.1896,
0.3657

282.5552, 0.2859,

 0.8849, 0.0850,

0.3377

0.4027

337.4602, 0.2874,
0.3373

0.0000, 0.0000,
0.0000

53.2004, 0.2662,
0.3439

53.2004, 0.2662,
0.3439

51.6272, 0.2569,
0.3485

55.1078, 0.2770,
0.3396

50.3617, 0.2492,
0.3532

57.3615, 0.2890,
0.3355

49.3840, 0.2434,
0.3581


59.9805, 0.3018,
0.3318


48.6687, 0.2395,
0.3630


62.9807, 0.3152,
0.3284


48.1861, 0.2375,
0.3679

66.3771, 0.3290,
0.3253


 47.8924, 0.2371,
0.3728

 70.1837, 0.3429,
0.3226

 47.8462, 0.2371,
0.3737

 70.8540, 0.3428,
0.3197

 71.0047, 0.3407,
0.3168

 71.1581, 0.3385,
0.3139

Harmonies

Analogous

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



53.2004, 0.2965, 0.3756



53.2004, 0.2662, 0.3439



53.2004, 0.2486, 0.3095

Triad

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



53.2004, 0.2662, 0.3439



53.2004, 0.2902, 0.2732



53.2004, 0.3825, 0.3700

Complementary

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



53.2004, 0.2662, 0.3439



30.5760, 0.3929, 0.3151

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.



53.2004, 0.3813, 0.3421



53.2004, 0.2662, 0.3439



53.2004, 0.3263, 0.2882

Square

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



53.2004, 0.2662, 0.3439



53.2004, 0.2618, 0.2711



53.2004, 0.3603, 0.3128



53.2004, 0.3641, 0.3894

Rectangle

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



53.2004, 0.2662, 0.3439



53.2004, 0.2458, 0.2908



53.2004, 0.3603, 0.3128



53.2004, 0.3845, 0.3613

Sweetspot

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



53.2025, 0.2662, 0.3439



94.8134, 0.2979, 0.3329



51.7498, 0.3157, 0.4415



20.1684, 0.2961, 0.3334



0.0000, 0.0000, 0.0000



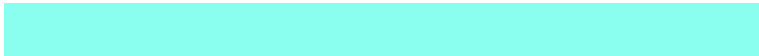
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2025, 0.2662, 0.3439



83.1088, 0.2582, 0.3477



41.4810, 0.2543, 0.2901



13.3776, 0.3001, 0.3322



30.1555, 0.2370, 0.3730



1.6941, 0.2345, 0.3640

Inverse Universe

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



30.5760, 0.3929, 0.3151



41.6859, 0.4204, 0.3123



38.4903, 0.3925, 0.3644



11.8347, 0.3269, 0.3258



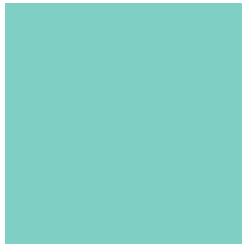
8.4215, 0.6204, 0.3191



0.4798, 0.5774, 0.2954

Previews

White Background



This preview shows how the Yxy color 53.2004, 0.2662, 0.3439 looks on a white background.

Color Contrast Check

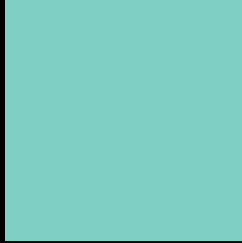
Large Text (above 18pt) WCAG AA × Fail

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 53.2004, 0.2662, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

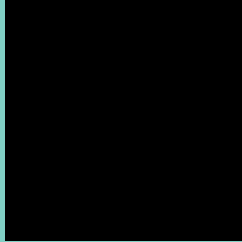
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

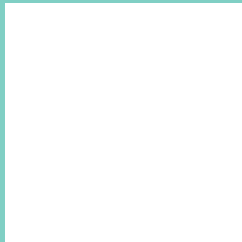
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2004, 0.2662, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 53.2004, 0.2662, 0.3439.

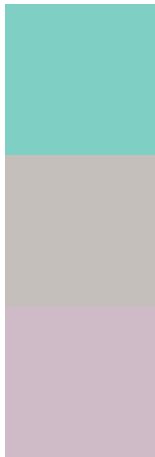


This preview shows how white text looks on a background with the Yxy color 53.2004, 0.2662, 0.3439.

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

53.2004, 0.2662, 0.3439

Protanopia

52.5852, 0.3199, 0.3340

Deuteranopia

52.5533, 0.3193, 0.3124



Tritanopia

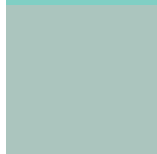
52.9475, 0.2555, 0.3067

Trichromacy



Original Color

53.2004, 0.2662, 0.3439



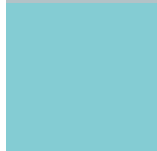
Protanomaly

52.3081, 0.2976, 0.3380



Deuteranomaly

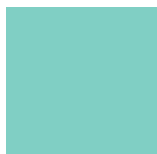
52.1721, 0.2966, 0.3226



Tritanomaly

52.7944, 0.2595, 0.3195

Monochromacy



Original Color

53.2004, 0.2662, 0.3439



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.5308, 0.2928, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2004, 0.2662, 0.3439 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(128, 207, 196)` looks like.

```
.text, #text, p{  
    color:rgb(128, 207, 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(128, 207, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 207, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.2004, 0.2662, 0.3439 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(128, 207, 196) }
```

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

```
.border{ border-color:rgb(128, 207, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 207, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(128, 207,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2004, 0.2662, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 207, 196) }
```

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

```
.background{ background-color: rgb(128,  
207, 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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