

Converting Colors

Yxy(57.4677, 0.2553, 0.3133)

Have a look what the booklet for
Yxy(57.4677, 0.2553, 0.3133)
contains.

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Color

Yxy(57.5371, 0.2552, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	86D4E0
RGB	134, 212, 224
RGB Percent	53%, 83%, 88%
CMY	0.4742, 0.1687, 0.1216
CMYK	0.40, 0.05, 0.00, 0.12
HSL	188°, 59%, 70%
HSV	188°, 40%, 88%
XYZ	46.8372, 57.5371, 79.1571
YIQ	190.0460, -50.3400, -12.8040

Conversions

Conversions Part 2

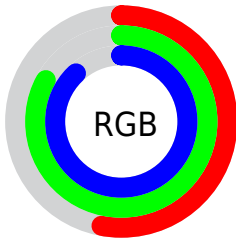
Format	Color
RYB	134, 176, 224
Decimal	8836320
CIELab	80.48, -20.93, -13.49
CIELCh	80, 24.904, 212.794
Yxy	57.5371, 0.2552, 0.3135
Android (android.graphics.Color)	4287026400 (0xFF86D4E0)
YUV	190.0460, 16.7393, -49.1523
Hunter-Lab	75.8532, -22.5244, -8.7752

Details

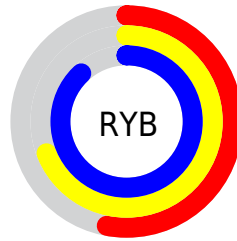
The Yxy color **57.5371, 0.2552, 0.3135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1520, 0.4083, 0.3436**, and the grayscale version is **51.4535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8164, 0.2757, 0.3289**, and **28.5982, 0.2409, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **54.4070, 0.2436, 0.3090**, and if you desaturate by 10%, it is **61.0893, 0.2682, 0.3178**.

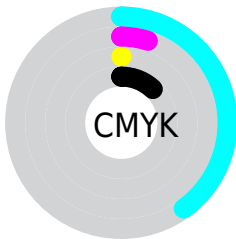
Distribution



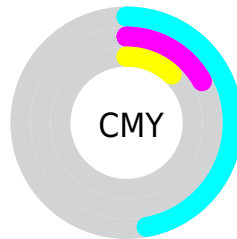
- Red (53%)
- Green (83%)
- Blue (88%)



- Red (53%)
- Yellow (69%)
- Blue (88%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)





- Cyan (47%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5371, 0.2552, 0.3135 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 57.5371, 0.2552, 0.3135 by changing the saturation by 10% instead.

 57.5371, 0.2552,
0.3135


 57.5371, 0.2552,
0.3135


415.4588, 0.2824,
0.3216


 41.4366, 0.2489,
0.3114


 101.2485, 0.2647,
0.3165

 28.6604, 0.2410,
0.3087


 129.6281, 0.2684,
0.3176

 18.8241, 0.2310,
0.3051


 162.8697, 0.2716,
0.3185

 11.5432, 0.2178,
0.3001

201.3574, 0.2743,
0.3193

 6.4335, 0.1996,
0.2925

245.4758, 0.2767,
0.3200

 3.1104, 0.1735,
0.2802

295.6093, 0.2788,

 1.1896, 0.1287,

0.3206

0.2588

352.1422, 0.2807,
0.3211

0.0532, 0.0000,
0.0505

0.0000, 0.0000,
0.0000

57.5371, 0.2552,
0.3135

57.5371, 0.2552,
0.3135

54.4070, 0.2436,
0.3090

61.0893, 0.2682,
0.3178

51.6672, 0.2337,
0.3044


65.0796, 0.2822,
0.3218

49.2922, 0.2257,
0.2997

69.5313, 0.2971,
0.3255


47.2502, 0.2196,
0.2949


74.4640, 0.3125,
0.3290

 45.5035, 0.2153,
0.2902


 79.8963, 0.3281,
0.3320

 44.0066, 0.2127,
0.2856

 83.2006, 0.3341,
0.3350

 84.8789, 0.3337,
0.3379

 86.5860, 0.3333,
0.3409

 88.3218, 0.3329,
0.3438

Harmonies

Analogous

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



57.5371, 0.2721, 0.3445



57.5371, 0.2552, 0.3135



57.5371, 0.2528, 0.2891

Triad

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



57.5371, 0.2552, 0.3135



57.5371, 0.3230, 0.2908



57.5371, 0.3607, 0.3829

Complementary

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



57.5371, 0.2552, 0.3135



38.1520, 0.4083, 0.3436

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.



57.5371, 0.3762, 0.3650



57.5371, 0.2552, 0.3135



57.5371, 0.3539, 0.3128

Square

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



57.5371, 0.2552, 0.3135



57.5371, 0.2906, 0.2778



57.5371, 0.3738, 0.3394



57.5371, 0.3326, 0.3864

Rectangle

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



57.5371, 0.2552, 0.3135



57.5371, 0.2596, 0.2794



57.5371, 0.3738, 0.3394



57.5371, 0.3676, 0.3782

Sweetspot

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



57.5393, 0.2552, 0.3135



92.0722, 0.2942, 0.3248



60.4626, 0.3003, 0.4355



19.5348, 0.2922, 0.3244



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.



57.5393, 0.2552, 0.3135



73.7068, 0.2456, 0.3098



38.1096, 0.2456, 0.2521



15.2438, 0.2982, 0.3258



25.7381, 0.2129, 0.2864



1.8717, 0.2149, 0.2936

Inverse Universe

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



37.6700, 0.3286, 0.2420



44.1375, 0.3326, 0.2255



54.8433, 0.3866, 0.3949



13.9025, 0.3158, 0.3089



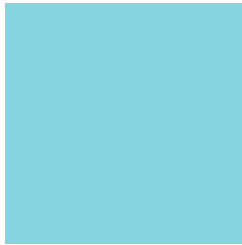
11.5063, 0.3576, 0.1744



0.8064, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 57.5371, 0.2552, 0.3135 looks on a white background.

Color Contrast Check

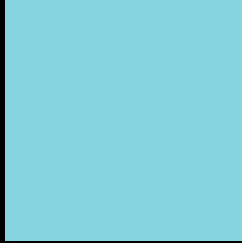
Large Text (above 18pt) WCAG AA × Fail

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 57.5371, 0.2552, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

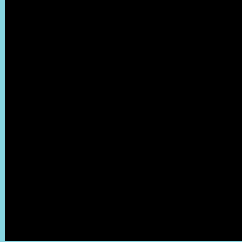
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5371, 0.2552, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 57.5371, 0.2552, 0.3135.

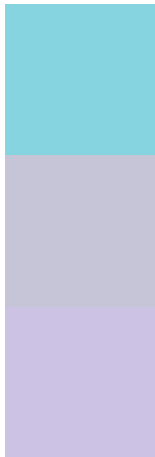


This preview shows how white text looks on a background with the Yxy color 57.5371, 0.2552, 0.3135.

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

57.5371, 0.2552, 0.3135

Protanopia

56.8446, 0.3006, 0.3078

Deuteranopia

57.0224, 0.2961, 0.2901



Tritanopia

57.3409, 0.2534, 0.3073

Trichromacy



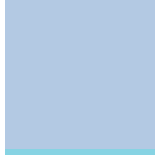
Original Color

57.5371, 0.2552, 0.3135



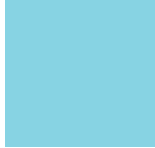
Protanomaly

56.4170, 0.2821, 0.3093



Deuteranomaly

56.9030, 0.2791, 0.2978



Tritanomaly

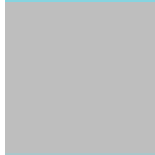
57.2855, 0.2539, 0.3085

Monochromacy



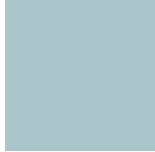
Original Color

57.5371, 0.2552, 0.3135



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.1985, 0.2887, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5371, 0.2552, 0.3135 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(134, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(134, 212, 224)  
}
```

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(134, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 212, 224) }
```

Border

The CSS property to change the border of an element to Yxy 57.5371, 0.2552, 0.3135 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(134, 212, 224) }
```

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

```
.border{ border-color:rgb(134, 212, 224) }
```

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

Here you see how a box with a 4 pixel rgb(134, 212, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(134, 212,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5371, 0.2552, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 212, 224) }
```

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

```
.background{ background-color: rgb(134,  
212, 224) }
```

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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