

Converting Colors

Yxy(53.8474, 0.2619, 0.3249)

Have a look what the booklet for
Yxy(53.8474, 0.2619, 0.3249)
contains.

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Color

Yxy(53.8144, 0.2621, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	86CED1
RGB	134, 206, 209
RGB Percent	53%, 81%, 82%
CMY	0.4744, 0.1922, 0.1805
CMYK	0.36, 0.01, 0.00, 0.18
HSL	182°, 45%, 67%
HSV	182°, 36%, 82%
XYZ	43.4126, 53.8144, 68.4067
YIQ	184.8140, -43.8750, -14.3310

Conversions

Conversions Part 2

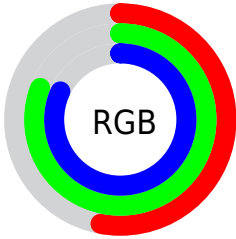
Format	Color
RYB	134, 171, 209
Decimal	8834769
CIELab	78.35, -21.63, -8.62
CIELCh	78, 23.288, 201.715
Yxy	53.8144, 0.2621, 0.3249
Android (android.graphics.Color)	4287024849 (0xFF86CED1)
YUV	184.8140, 11.9237, -44.5639
Hunter-Lab	73.3583, -22.7428, -3.9372

Details

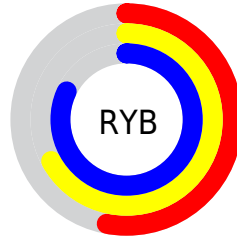
The Yxy color **53.8144, 0.2621, 0.3249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.1686, 0.3970, 0.3330**, and the grayscale version is **48.3618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6871, 0.2752, 0.3289**, and **26.4853, 0.2487, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **51.8663, 0.2509, 0.3236**, and if you desaturate by 10%, it is **56.1082, 0.2748, 0.3261**.

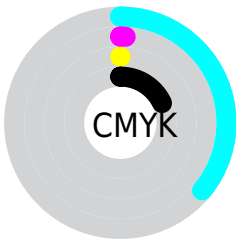
Distribution



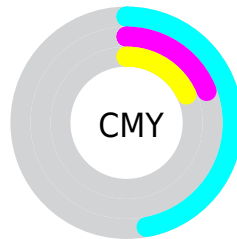
- Red (53%)
- Green (81%)
- Blue (82%)



- Red (53%)
- Yellow (67%)
- Blue (82%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)




- Cyan (47%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8144, 0.2621, 0.3249 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 53.8144, 0.2621, 0.3249 by changing the saturation by 10% instead.

 53.8144, 0.2621,
0.3249


 53.8144, 0.2621,
0.3249

401.4019, 0.2864,
0.3274


 38.4533, 0.2563,
0.3242

 95.8017, 0.2707,
0.3259

 26.3347, 0.2491,
0.3232


 123.1966, 0.2740,
0.3262

 17.0742, 0.2397,
0.3218

 155.3717, 0.2768,
0.3265

 10.2874, 0.2272,
0.3197

192.7112, 0.2793,
0.3267

 5.5899, 0.2096,
0.3162

235.5996, 0.2814,
0.3269

 2.5974, 0.1833,
0.3098

284.4212, 0.2833,

 0.9253, 0.1154,

0.3271

0.3044

339.5605, 0.2849,
0.3272

0.0000, 0.0000,
0.0000

53.8144, 0.2621,
0.3249

53.8144, 0.2621,
0.3249

51.8663, 0.2509,
0.3236

56.1082, 0.2748,
0.3261

50.2375, 0.2413,
0.3223

58.7596, 0.2888,
0.3273

48.9078, 0.2337,
0.3209

61.7881, 0.3037,
0.3284

47.8522, 0.2279,
0.3196

65.2096, 0.3192,
0.3294

47.0416, 0.2240,
0.3183

69.0391, 0.3350,
0.3303

■ 46.4399, 0.2219,
0.3170

■ 72.4432, 0.3476,
0.3311

■ 46.2241, 0.2212,
0.3165

■ 72.8570, 0.3474,
0.3320

■ 73.2728, 0.3473,
0.3328

■ 73.6908, 0.3471,
0.3337

Harmonies

Analogous

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



53.8144, 0.2829, 0.3545



53.8144, 0.2621, 0.3249



53.8144, 0.2545, 0.2984

Triad

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



53.8144, 0.2621, 0.3249



53.8144, 0.3108, 0.2866



53.8144, 0.3659, 0.3756

Complementary

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



53.8144, 0.2621, 0.3249



33.1686, 0.3970, 0.3330

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.



53.8144, 0.3746, 0.3550



53.8144, 0.2621, 0.3249



53.8144, 0.3420, 0.3050

Square

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



53.8144, 0.2621, 0.3249



53.8144, 0.2815, 0.2781



53.8144, 0.3658, 0.3295



53.8144, 0.3427, 0.3845

Rectangle

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



53.8144, 0.2621, 0.3249



53.8144, 0.2575, 0.2860



53.8144, 0.3658, 0.3295



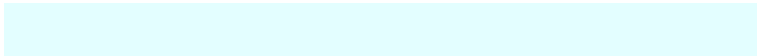
53.8144, 0.3706, 0.3697

Sweetspot

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



53.8165, 0.2621, 0.3249



94.3536, 0.2957, 0.3278



52.4546, 0.3061, 0.4327



20.0578, 0.2937, 0.3277



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.



53.8165, 0.2621, 0.3249



82.0426, 0.2534, 0.3239



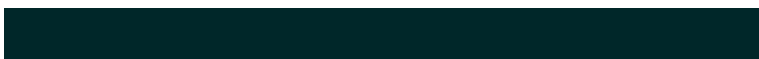
38.0519, 0.2550, 0.2730



13.3231, 0.2983, 0.3280



28.5423, 0.2213, 0.3166



1.6215, 0.2220, 0.3190

Inverse Universe

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



35.0675, 0.3197, 0.2439



48.5604, 0.3213, 0.2269



45.5480, 0.3804, 0.3789



12.0006, 0.3144, 0.3070



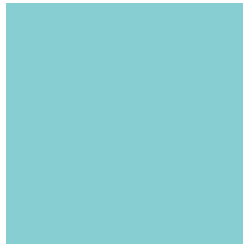
10.9526, 0.3310, 0.1597



0.6150, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 53.8144, 0.2621, 0.3249 looks on a white background.

Color Contrast Check

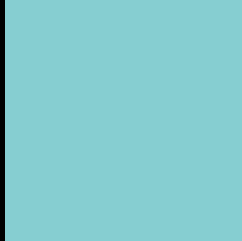
Large Text (above 18pt) WCAG AA × Fail

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 53.8144, 0.2621, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

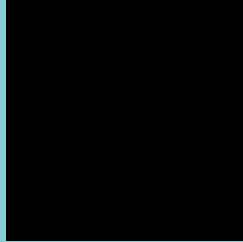
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8144, 0.2621, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 53.8144, 0.2621, 0.3249.



This preview shows how white text looks on a background with the Yxy color 53.8144, 0.2621, 0.3249.

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

53.8144, 0.2621, 0.3249

Protanopia

53.3387, 0.3084, 0.3192

Deuteranopia

53.4670, 0.3060, 0.2996



Tritanopia

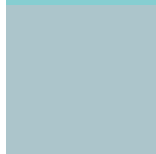
53.7246, 0.2568, 0.3068

Trichromacy



Original Color

53.8144, 0.2621, 0.3249



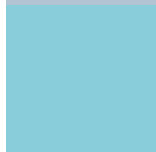
Protanomaly

53.0150, 0.2895, 0.3213



Deuteranomaly

53.2487, 0.2877, 0.3079



Tritanomaly

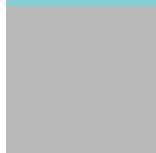
53.9066, 0.2586, 0.3132

Monochromacy



Original Color

53.8144, 0.2621, 0.3249



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.1420, 0.2910, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8144, 0.2621, 0.3249 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, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(134, 206, 209)  
}
```

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, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 206, 209) }
```

Border

The CSS property to change the border of an element to Yxy 53.8144, 0.2621, 0.3249 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, 206, 209) }
```

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

```
.border{ border-color:rgb(134, 206, 209) }
```

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

Here you see how a box with a 4 pixel rgb(134, 206, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(134, 206,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8144, 0.2621, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 206, 209) }
```

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

```
.background{ background-color: rgb(134,  
206, 209) }
```

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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