

Converting Colors

Yxy(54.7052, 0.2634, 0.3236)

Have a look what the booklet for
Yxy(54.7052, 0.2634, 0.3236)
contains.

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Color

Yxy(54.7321, 0.2634, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	8ACFD3
RGB	138, 207, 211
RGB Percent	54%, 81%, 83%
CMY	0.4589, 0.1882, 0.1725
CMYK	0.35, 0.02, 0.00, 0.17
HSL	183°, 45%, 68%
HSV	183°, 35%, 83%
XYZ	44.5502, 54.7321, 69.8528
YIQ	186.8250, -42.4080, -13.3840

Conversions

Conversions Part 2

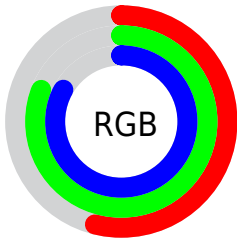
Format	Color
RYB	138, 173, 211
Decimal	9097171
CIELab	78.89, -20.60, -8.90
CIELCh	79, 22.438, 203.355
Yxy	54.7321, 0.2634, 0.3236
Android (android.graphics.Color)	4287287251 (0xFF8ACFD3)
YUV	186.8250, 11.9183, -42.8195
Hunter-Lab	73.9811, -21.9774, -4.1946

Details

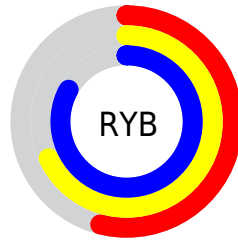
The Yxy color **54.7321, 0.2634, 0.3236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.0271, 0.3925, 0.3343**, and the grayscale version is **49.5387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **26.7756, 0.2505, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **52.5472, 0.2518, 0.3218**, and if you desaturate by 10%, it is **57.2750, 0.2764, 0.3253**.

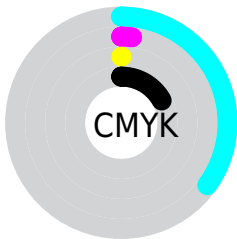
Distribution



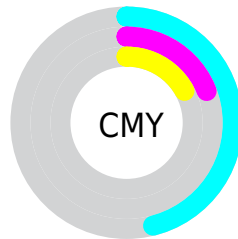
- Red (54%)
- Green (81%)
- Blue (83%)



- Red (54%)
- Yellow (68%)
- Blue (83%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)





- Cyan (46%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7321, 0.2634, 0.3236 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 54.7321, 0.2634, 0.3236 by changing the saturation by 10% instead.


 54.7321, 0.2634,
0.3236


 54.7321, 0.2634,
0.3236

404.8956, 0.2870,
0.3267

 39.1873, 0.2578,
0.3227


 97.1483, 0.2718,
0.3248

 26.9054, 0.2508,
0.3216


 124.7885, 0.2750,
0.3252

 17.5022, 0.2418,
0.3200


 157.2293, 0.2777,
0.3256

 10.5932, 0.2297,
0.3176

194.8550, 0.2801,
0.3259

 5.7940, 0.2127,
0.3138

238.0501, 0.2821,
0.3261

 2.7202, 0.1875,
0.3070

287.1990, 0.2840,

 0.9875, 0.1305,

0.3263

0.2982

342.6860, 0.2856,
0.3265

0.0000, 0.0000,
0.0000

54.7321, 0.2634,
0.3236

54.7321, 0.2634,
0.3236

52.5472, 0.2518,
0.3218

57.2750, 0.2764,
0.3253

50.6936, 0.2419,
0.3200

60.1883, 0.2906,
0.3269

49.1509, 0.2338,
0.3181

63.4913, 0.3056,
0.3284

47.8939, 0.2276,
0.3163

67.2004, 0.3211,
0.3297

46.8935, 0.2233,
0.3144

71.3309, 0.3370,
0.3309

■ 46.1139, 0.2208,
0.3126

■ 74.0336, 0.3455,
0.3321

■ 45.7517, 0.2199,
0.3117

■ 74.6216, 0.3453,
0.3333

■ 75.2137, 0.3451,
0.3344

■ 75.8101, 0.3449,
0.3356

Harmonies

Analogous

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



54.7321, 0.2828, 0.3520



54.7321, 0.2634, 0.3236



54.7321, 0.2568, 0.2986

Triad

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



54.7321, 0.2634, 0.3236



54.7321, 0.3126, 0.2890



54.7321, 0.3628, 0.3745

Complementary

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



54.7321, 0.2634, 0.3236



35.0271, 0.3925, 0.3343

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.



54.7321, 0.3720, 0.3553



54.7321, 0.2634, 0.3236



54.7321, 0.3423, 0.3071

Square

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



54.7321, 0.2634, 0.3236



54.7321, 0.2842, 0.2803



54.7321, 0.3645, 0.3309



54.7321, 0.3400, 0.3821

Rectangle

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



54.7321, 0.2634, 0.3236



54.7321, 0.2602, 0.2871



54.7321, 0.3645, 0.3309



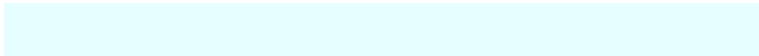
54.7321, 0.3676, 0.3691

Sweetspot

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



54.7343, 0.2634, 0.3236



94.5909, 0.2973, 0.3276



53.9389, 0.3056, 0.4268



20.0945, 0.2951, 0.3274



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.



54.7343, 0.2634, 0.3236



81.3344, 0.2542, 0.3222



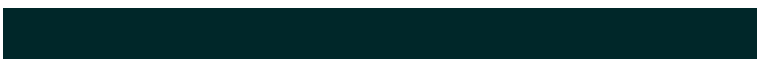
39.1724, 0.2568, 0.2735



13.2913, 0.2983, 0.3277



27.6572, 0.2200, 0.3119



1.5811, 0.2209, 0.3152

Inverse Universe

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



36.5271, 0.3205, 0.2479



49.2557, 0.3224, 0.2304



47.5851, 0.3771, 0.3785



11.9974, 0.3146, 0.3073



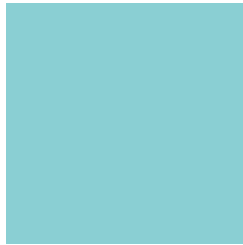
10.8633, 0.3351, 0.1619



0.6109, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 54.7321, 0.2634, 0.3236 looks on a white background.

Color Contrast Check

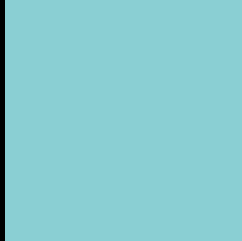
Large Text (above 18pt) WCAG AA × Fail

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 54.7321, 0.2634, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

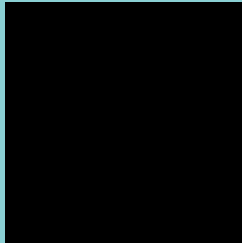
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7321, 0.2634, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 54.7321, 0.2634, 0.3236.

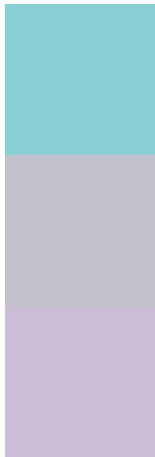


This preview shows how white text looks on a background with the Yxy color 54.7321, 0.2634, 0.3236.

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

54.7321, 0.2634, 0.3236

Protanopia

54.0538, 0.3069, 0.3169

Deuteranopia

54.1389, 0.3053, 0.2986



Tritanopia

54.5993, 0.2587, 0.3070

Trichromacy



Original Color

54.7321, 0.2634, 0.3236

Protanomaly

53.8431, 0.2890, 0.3189

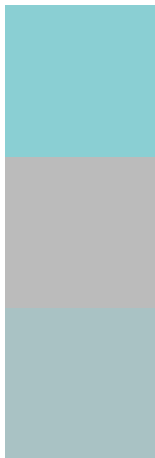
Deuteranomaly

54.0382, 0.2879, 0.3068

Tritanomaly

54.7800, 0.2605, 0.3133

Monochromacy



Original Color

54.7321, 0.2634, 0.3236

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.0041, 0.2919, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7321, 0.2634, 0.3236 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(138, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(138, 207, 211)  
}
```

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(138, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 207, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.7321, 0.2634, 0.3236 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(138, 207, 211) }
```

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

```
.border{ border-color:rgb(138, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(138, 207,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7321, 0.2634, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 207, 211) }
```

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

```
.background{ background-color: rgb(138,  
207, 211) }
```

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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