

Converting Colors

Yxy(54.7054, 0.2681, 0.3143)

Have a look what the booklet for
Yxy(54.7054, 0.2681, 0.3143)
contains.

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Color

Yxy(54.6713, 0.2684, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	97CCD7
RGB	151, 204, 215
RGB Percent	59%, 80%, 84%
CMY	0.4081, 0.1999, 0.1569
CMYK	0.30, 0.05, 0.00, 0.16
HSL	190°, 44%, 72%
HSV	190°, 30%, 84%
XYZ	46.6130, 54.6713, 72.3856
YIQ	189.4070, -35.1190, -7.8150

Conversions

Conversions Part 2

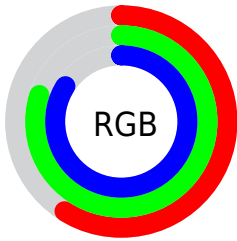
Format	Color
RYB	151, 180, 215
Decimal	9948375
CIELab	78.85, -14.54, -11.02
CIElCh	79, 18.244, 217.142
Yxy	54.6713, 0.2684, 0.3148
Android (android.graphics.Color)	4288138455 (0xFF97CCD7)
YUV	189.4070, 12.6173, -33.6829
Hunter-Lab	73.9400, -16.8658, -6.2855

Details

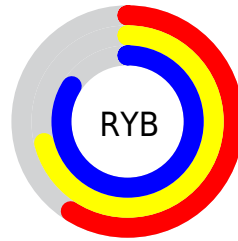
The Yxy color **54.6713, 0.2684, 0.3148** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4958, 0.3751, 0.3427**, and the grayscale version is **51.0704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **26.9474, 0.2576, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **51.0692, 0.2551, 0.3093**, and if you desaturate by 10%, it is **58.6944, 0.2827, 0.3200**.

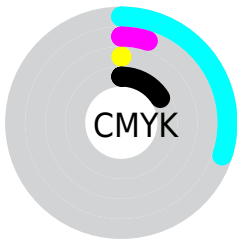
Distribution



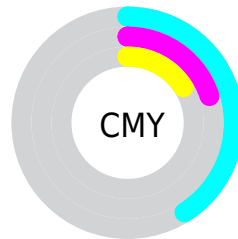
- Red (59%)
- Green (80%)
- Blue (84%)



- Red (59%)
- Yellow (71%)
- Blue (84%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6713, 0.2684, 0.3148 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 54.6713, 0.2684, 0.3148 by changing the saturation by 10% instead.

■ 54.6713, 0.2684,
0.3148

■ 54.6713, 0.2684,
0.3148

404.6647, 0.2896,
0.3221

■ 39.1386, 0.2634,
0.3130

■ 97.0592, 0.2759,
0.3175

■ 26.8676, 0.2571,
0.3106

■ 124.6832, 0.2788,
0.3185

■ 17.4738, 0.2489,
0.3074

157.1064, 0.2813,
0.3193

■ 10.5729, 0.2380,
0.3029

194.7133, 0.2834,
0.3200

■ 5.7804, 0.2227,
0.2963

237.8881, 0.2853,
0.3206

■ 2.7120, 0.1998,
0.2854

287.0154, 0.2869,

■ 0.9833, 0.1563,

0.3212

0.2667

342.4795, 0.2883,
0.3216

0.0000, 0.0000,
0.0000

54.6713, 0.2684,
0.3148

54.6713, 0.2684,
0.3148

51.0692, 0.2551,
0.3093

58.6944, 0.2827,
0.3200

47.8607, 0.2430,
0.3035

63.1509, 0.2977,
0.3247

45.0255, 0.2326,
0.2975

68.0611, 0.3130,
0.3291

42.5383, 0.2239,
0.2913

73.4416, 0.3285,
0.3330

40.3705, 0.2172,
0.2851

78.6491, 0.3413,
0.3366

■ 38.4881, 0.2124,
0.2790

■ 80.6346, 0.3407,
0.3403

■ 36.8317, 0.2092,
0.2729

■ 82.6632, 0.3401,
0.3439

■ 36.7985, 0.2091,
0.2727

■ 84.7352, 0.3396,
0.3475

■ 86.8509, 0.3390,
0.3511

Harmonies

Analogous

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



54.6713, 0.2799, 0.3373



54.6713, 0.2684, 0.3148



54.6713, 0.2682, 0.2974

Triad

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



54.6713, 0.2684, 0.3148



54.6713, 0.3241, 0.3022



54.6713, 0.3461, 0.3703

Complementary

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



54.6713, 0.2684, 0.3148



42.4958, 0.3751, 0.3427

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.



54.6713, 0.3591, 0.3588



54.6713, 0.2684, 0.3148



54.6713, 0.3462, 0.3198

Square

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



54.6713, 0.2684, 0.3148



54.6713, 0.2996, 0.2911



54.6713, 0.3592, 0.3403



54.6713, 0.3244, 0.3705

Rectangle

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



54.6713, 0.2684, 0.3148



54.6713, 0.2745, 0.2908



54.6713, 0.3592, 0.3403



54.6713, 0.3517, 0.3675

Sweetspot

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



54.6735, 0.2684, 0.3148



93.4186, 0.2988, 0.3251



57.7706, 0.3020, 0.4007



19.7789, 0.2965, 0.3244



0.0000, 0.0000, 0.0000



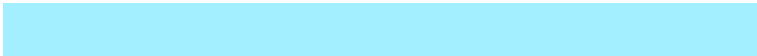
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6735, 0.2684, 0.3148



76.9110, 0.2595, 0.3112



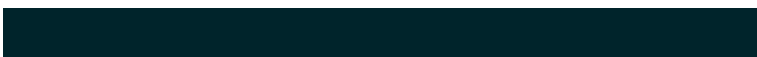
41.0985, 0.2637, 0.2721



13.7285, 0.2983, 0.3249



22.1468, 0.2094, 0.2737



1.4336, 0.2123, 0.2842

Inverse Universe

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



40.9230, 0.3260, 0.2669



53.7726, 0.3297, 0.2533



55.1073, 0.3642, 0.3800



12.5944, 0.3164, 0.3099



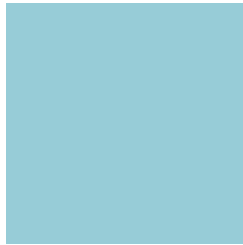
10.5806, 0.3694, 0.1808



0.6480, 0.3596, 0.1755

Previews

White Background



This preview shows how the Yxy color 54.6713, 0.2684, 0.3148 looks on a white background.

Color Contrast Check

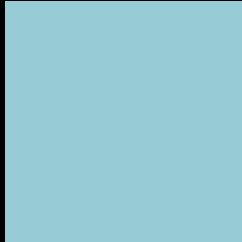
Large Text (above 18pt) WCAG AA × Fail

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 54.6713, 0.2684, 0.3148 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 54.6713, 0.2684, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 54.6713, 0.2684, 0.3148.

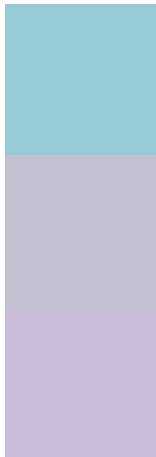


This preview shows how white text looks on a background with the Yxy color 54.6713, 0.2684, 0.3148.

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

54.6713, 0.2684, 0.3148

Protanopia

54.1633, 0.3025, 0.3109

Deuteranopia

54.0137, 0.3016, 0.2950



Tritanopia

54.5546, 0.2660, 0.3073

Trichromacy



Original Color

54.6713, 0.2684, 0.3148

Protanomaly

54.1006, 0.2885, 0.3116

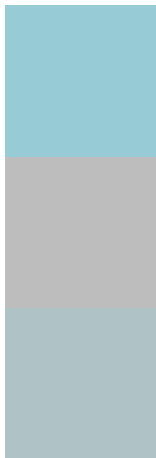
Deuteranomaly

53.6606, 0.2880, 0.3010

Tritanomaly

54.4492, 0.2672, 0.3098

Monochromacy



Original Color

54.6713, 0.2684, 0.3148

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7748, 0.2950, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6713, 0.2684, 0.3148 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(151, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 215)  
}
```

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(151, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.6713, 0.2684, 0.3148 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(151, 204, 215) }
```

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

```
.border{ border-color:rgb(151, 204, 215) }
```

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

Here you see how a box with a 4 pixel rgb(151, 204, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(151, 204,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6713, 0.2684, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 215) }
```

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

```
.background{ background-color: rgb(151,  
204, 215) }
```

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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