

Converting Colors

$Yxy(56.0297, 0.2647, 0.3090)$

Have a look what the booklet for
Yxy(56.0297, 0.2647, 0.3090)
contains.

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Color

Yxy(55.9958, 0.2647, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	97CEDE
RGB	151, 206, 222
RGB Percent	59%, 81%, 87%
CMY	0.4079, 0.1921, 0.1294
CMYK	0.32, 0.07, 0.00, 0.13
HSL	194°, 52%, 73%
HSV	194°, 32%, 87%
XYZ	48.0145, 55.9958, 77.3820
YIQ	191.3790, -37.9160, -6.6840

Conversions

Conversions Part 2

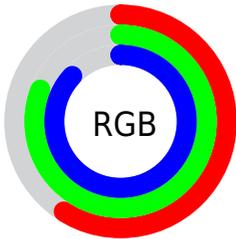
Format	Color
RYB	151, 182, 222
Decimal	9948894
CIELab	79.61, -13.91, -13.63
CIELCh	80, 19.474, 224.432
Yxy	55.9958, 0.2647, 0.3087
Android (android.graphics.Color)	4288138974 (0xFF97CEDE)
YUV	191.3790, 15.0962, -35.4124
Hunter-Lab	74.8303, -16.4194, -8.9305

Details

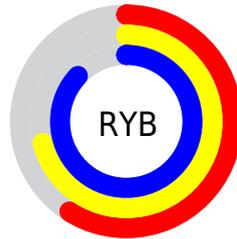
The Yxy color **55.9958, 0.2647, 0.3087** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3873, 0.3800, 0.3483**, and the grayscale version is **52.2572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **27.7879, 0.2525, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **51.7023, 0.2511, 0.3013**, and if you desaturate by 10%, it is **60.7701, 0.2792, 0.3156**.

Distribution



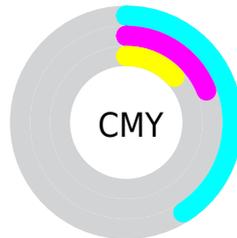
- Red (59%)
- Green (81%)
- Blue (87%)



- Red (59%)
- Yellow (71%)
- Blue (87%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9958, 0.2647, 0.3087 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 55.9958, 0.2647, 0.3087 by changing the saturation by 10% instead.

 55.9958, 0.2647,
0.3087

 55.9958, 0.2647,
0.3087

409.6757, 0.2876,
0.3189

 40.1996, 0.2593,
0.3062

 98.9984, 0.2728,
0.3124

 27.6942, 0.2526,
0.3029

 126.9736, 0.2759,
0.3138

 18.0952, 0.2440,
0.2986

159.7772, 0.2785,
0.3150

 11.0184, 0.2325,
0.2927

197.7937, 0.2808,
0.3160

 6.0792, 0.2166,
0.2840

241.4074, 0.2828,
0.3169

 2.8933, 0.1931,
0.2701

291.0026, 0.2846,

 1.0763, 0.1536,

0.3176

0.2460

346.9640, 0.2862,
0.3183

0.0000, 0.0000,
0.0000

55.9958, 0.2647,
0.3087

55.9958, 0.2647,
0.3087

51.7023, 0.2511,
0.3013

60.7701, 0.2792,
0.3156

47.8598, 0.2388,
0.2935

66.0401, 0.2943,
0.3221

44.4450, 0.2280,
0.2853

71.8279, 0.3096,
0.3279

41.4296, 0.2190,
0.2770

78.1523, 0.3250,
0.3332

38.7811, 0.2119,
0.2687

83.6839, 0.3353,
0.3380

 36.4605, 0.2068,
0.2604

 86.5215, 0.3346,
0.3429

 34.7872, 0.2038,
0.2538

 89.4396, 0.3339,
0.3478

 92.4389, 0.3333,
0.3526

 95.5200, 0.3327,
0.3574

Harmonies

Analogous

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



55.9958, 0.2740, 0.3318



55.9958, 0.2647, 0.3087



55.9958, 0.2675, 0.2925

Triad

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



55.9958, 0.2647, 0.3087



55.9958, 0.3310, 0.3047



55.9958, 0.3431, 0.3740

Complementary

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



55.9958, 0.2647, 0.3087



45.3873, 0.3800, 0.3483

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.



55.9958, 0.3596, 0.3643



55.9958, 0.2647, 0.3087



55.9958, 0.3526, 0.3244

Square

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



55.9958, 0.2647, 0.3087



55.9958, 0.3050, 0.2910



55.9958, 0.3633, 0.3460



55.9958, 0.3188, 0.3710

Rectangle

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



55.9958, 0.2647, 0.3087



55.9958, 0.2760, 0.2872



55.9958, 0.3633, 0.3460



55.9958, 0.3498, 0.3721

Sweetspot

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



55.9980, 0.2647, 0.3087



91.8723, 0.2972, 0.3232



61.5847, 0.2991, 0.4022



19.4325, 0.2950, 0.3224



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.



55.9980, 0.2647, 0.3087



72.8826, 0.2560, 0.3041



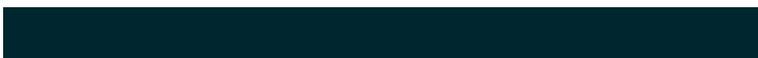
41.0143, 0.2591, 0.2622



15.0215, 0.2982, 0.3236



20.8371, 0.2042, 0.2550



1.5743, 0.2077, 0.2677

Inverse Universe

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



42.1116, 0.3308, 0.2662



51.6417, 0.3353, 0.2538



59.9451, 0.3674, 0.3878



13.8801, 0.3172, 0.3110



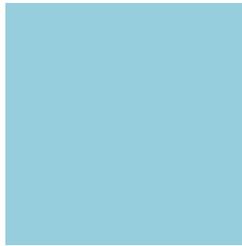
11.0116, 0.3873, 0.1907



0.7764, 0.3750, 0.1839

Previews

White Background



This preview shows how the Yxy color 55.9958, 0.2647, 0.3087 looks on a white background.

Color Contrast Check

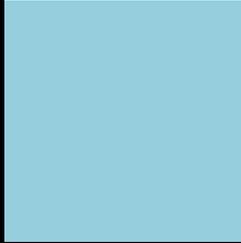
Large Text (above 18pt) WCAG AA × Fail

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 55.9958, 0.2647, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

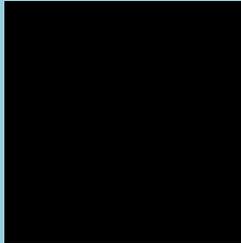
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

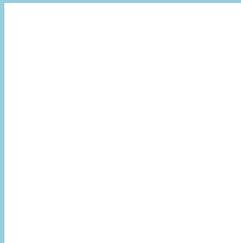
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9958, 0.2647, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 55.9958, 0.2647, 0.3087.



This preview shows how white text looks on a background with the Yxy color 55.9958, 0.2647, 0.3087.

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

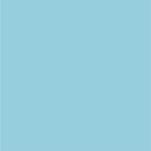
55.9958, 0.2647, 0.3087

Protanopia

55.5386, 0.2983, 0.3052

Deuteranopia

55.6921, 0.2966, 0.2909



Tritanopia

55.9958, 0.2647, 0.3087

Trichromacy



Original Color

55.9958, 0.2647, 0.3087

Protanomaly

55.4925, 0.2847, 0.3058

Deuteranomaly

55.3816, 0.2835, 0.2966

Tritanomaly

55.9958, 0.2647, 0.3087

Monochromacy



Original Color

55.9958, 0.2647, 0.3087

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9742, 0.2931, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9958, 0.2647, 0.3087 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, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(151, 206, 222)  
}
```

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, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 55.9958, 0.2647, 0.3087 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, 206, 222) }
```

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

```
.border{ border-color:rgb(151, 206, 222) }
```

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

Here you see how a box with a 4 pixel rgb(151, 206, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(151, 206,  
222) }
```

Background

The CSS property to change the background color of an element to Yxy 55.9958, 0.2647, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 206, 222) }
```

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

```
.background{ background-color: rgb(151,  
206, 222) }
```

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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