

Converting Colors

$Yxy(53.7737, 0.2488, 0.2972)$

Have a look what the booklet for
Yxy(53.7737, 0.2488, 0.2972)
contains.

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Color

Yxy(53.5887, 0.2488, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	82CCE5
RGB	130, 204, 229
RGB Percent	51%, 80%, 90%
CMY	0.4903, 0.2000, 0.1020
CMYK	0.43, 0.11, 0.00, 0.10
HSL	195°, 66%, 70%
HSV	195°, 43%, 90%
XYZ	44.9372, 53.5887, 82.0899
YIQ	184.7240, -52.1290, -7.9130

Conversions

Conversions Part 2

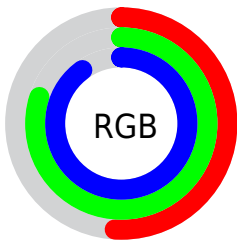
Format	Color
RYB	130, 172, 229
Decimal	8572133
CIELab	78.22, -16.61, -19.58
CIELCh	78, 25.675, 229.689
Yxy	53.5887, 0.2488, 0.2967
Android (android.graphics.Color)	4286762213 (0xFF82CCE5)
YUV	184.7240, 21.8281, -47.9929
Hunter-Lab	73.2043, -18.5335, -15.2436

Details

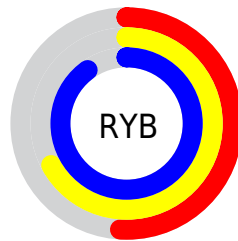
The Yxy color **53.5887, 0.2488, 0.2967** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6948, 0.4129, 0.3583**, and the grayscale version is **48.2514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **26.2463, 0.2331, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **49.2820, 0.2363, 0.2878**, and if you desaturate by 10%, it is **58.4043, 0.2625, 0.3052**.

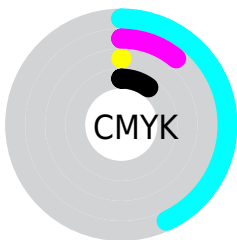
Distribution



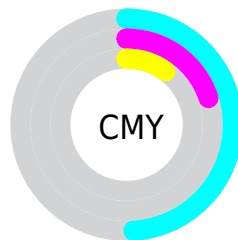
- Red (51%)
- Green (80%)
- Blue (90%)



- Red (51%)
- Yellow (67%)
- Blue (90%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)




- Cyan (49%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5887, 0.2488, 0.2967 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 53.5887, 0.2488, 0.2967 by changing the saturation by 10% instead.


 53.5887, 0.2488,
0.2967


 53.5887, 0.2488,
0.2967


400.5397, 0.2792,
0.3130


 38.2729, 0.2417,
0.2926


 95.4701, 0.2595,
0.3026

 26.1946, 0.2328,
0.2874


 122.8045, 0.2636,
0.3049

 16.9693, 0.2215,
0.2806


 154.9139, 0.2671,
0.3067

 10.2126, 0.2066,
0.2711

192.1827, 0.2702,
0.3083

 5.5401, 0.1861,
0.2574

234.9952, 0.2729,
0.3097

 2.5675, 0.1568,
0.2361

283.7360, 0.2752,

 0.9104, 0.1019,

0.3110

0.2018

338.7893, 0.2773,
0.3120

0.0000, 0.0000,
0.0000

53.5887, 0.2488,
0.2967

53.5887, 0.2488,
0.2967

49.2820, 0.2363,
0.2878

58.4043, 0.2625,
0.3052

45.4497, 0.2253,
0.2786

63.7481, 0.2772,
0.3131

42.0626, 0.2162,
0.2691

69.6459, 0.2923,
0.3203

39.0844, 0.2090,
0.2596

76.1196, 0.3077,
0.3270

36.4716, 0.2038,
0.2502

83.1901, 0.3231,
0.3330

■ 34.8649, 0.2011,
0.2439

■ 88.4541, 0.3298,
0.3386

■ 91.8844, 0.3291,
0.3442

■ 95.4236, 0.3285,
0.3497

■ 98.4361, 0.3280,
0.3542

Harmonies

Analogous

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



53.5887, 0.2581, 0.3265



53.5887, 0.2488, 0.2967



53.5887, 0.2553, 0.2779

Triad

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



53.5887, 0.2488, 0.2967



53.5887, 0.3428, 0.3009



53.5887, 0.3477, 0.3902

Complementary

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



53.5887, 0.2488, 0.2967



41.6948, 0.4129, 0.3583

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.



53.5887, 0.3725, 0.3789



53.5887, 0.2488, 0.2967



53.5887, 0.3701, 0.3274

Square

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



53.5887, 0.2488, 0.2967



53.5887, 0.3081, 0.2815



53.5887, 0.3811, 0.3555



53.5887, 0.3143, 0.3835

Rectangle

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



53.5887, 0.2488, 0.2967



53.5887, 0.2679, 0.2731



53.5887, 0.3811, 0.3555



53.5887, 0.3574, 0.3883

Sweetspot

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



53.5908, 0.2488, 0.2967



89.0260, 0.2926, 0.3205



63.1309, 0.2932, 0.4293



18.6835, 0.2892, 0.3189



0.0000, 0.0000, 0.0000



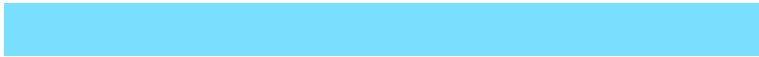
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5908, 0.2488, 0.2967



63.3910, 0.2374, 0.2886



33.7549, 0.2373, 0.2288



15.6884, 0.2981, 0.3229



20.1390, 0.2015, 0.2454



1.6339, 0.2053, 0.2590

Inverse Universe

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



36.9762, 0.3419, 0.2469



40.5274, 0.3501, 0.2312



61.5627, 0.3879, 0.4118



14.5498, 0.3176, 0.3116



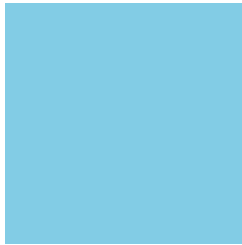
11.2308, 0.3969, 0.1960



0.8446, 0.3834, 0.1885

Previews

White Background



This preview shows how the Yxy color 53.5887, 0.2488, 0.2967 looks on a white background.

Color Contrast Check

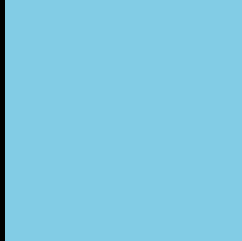
Large Text (above 18pt) WCAG AA × Fail

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 53.5887, 0.2488, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

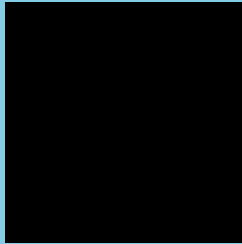
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5887, 0.2488, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 53.5887, 0.2488, 0.2967.



This preview shows how white text looks on a background with the Yxy color 53.5887, 0.2488, 0.2967.

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

53.5887, 0.2488, 0.2967

Protanopia

53.1203, 0.2895, 0.2941

Deuteranopia

52.9991, 0.2842, 0.2775



Tritanopia

53.5258, 0.2516, 0.3066

Trichromacy



Original Color

53.5887, 0.2488, 0.2967

Protanomaly

53.0231, 0.2730, 0.2954

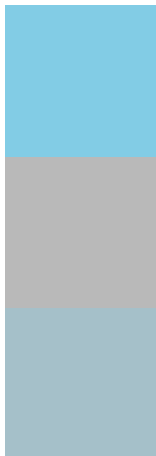
Deuteranomaly

52.7881, 0.2692, 0.2838

Tritanomaly

53.7660, 0.2506, 0.3029

Monochromacy



Original Color

53.5887, 0.2488, 0.2967

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.9157, 0.2854, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5887, 0.2488, 0.2967 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(130, 204, 229)` looks like.

```
.text, #text, p{  
    color:rgb(130, 204, 229)  
}
```

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(130, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 204, 229) }
```

Border

The CSS property to change the border of an element to Yxy 53.5887, 0.2488, 0.2967 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(130, 204, 229) }
```

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

```
.border{ border-color:rgb(130, 204, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 204, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(130, 204,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5887, 0.2488, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 204, 229) }
```

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

```
.background{ background-color: rgb(130,  
204, 229) }
```

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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