

Converting Colors

$Y_{xy}(55.2949, 0.2599, 0.3018)$

Have a look what the booklet for
Yxy(55.2949, 0.2599, 0.3018)
contains.

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Color

Yxy(55.3567, 0.2600, 0.3024)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 93CDE2 |
| RGB | 147, 205, 226 |
| RGB Percent | 58%, 80%, 89% |
| CMY | 0.4233, 0.1961, 0.1138 |
| CMYK | 0.35, 0.09, 0.00, 0.11 |
| HSL | 196°, 58%, 73% |
| HSV | 196°, 35%, 89% |
| XYZ | 47.5950, 55.3567, 80.1061 |
| YIQ | 190.0520, -41.3090, -5.7650 |

Conversions

Conversions Part 2

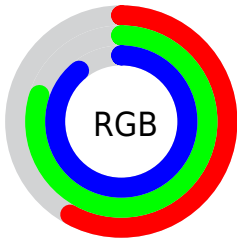
| Format | Color |
|-------------------------------------|---|
| RYB | 147, 180, 226 |
| Decimal | 9686498 |
| CIELab | 79.25, -13.50, -16.33 |
| CIElCh | 79, 21.187, 230.435 |
| Yxy | 55.3567, 0.2600, 0.3024 |
| Android (android.graphics.Color) | 4287876578 (0xFF93CDE2) |
| YUV | 190.0520, 17.7224, -37.7566 |
| Hunter-Lab | 74.4021, -16.0171, -11.7540 |

Details

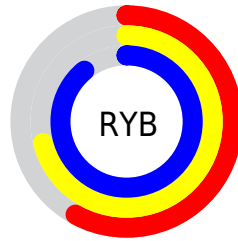
The Yxy color **55.3567, 0.2600, 0.3024** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.2886, 0.3871, 0.3538**, and the grayscale version is **51.4444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **27.4006, 0.2467, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **50.6516, 0.2463, 0.2934**, and if you desaturate by 10%, it is **60.5868, 0.2746, 0.3108**.

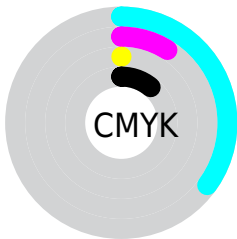
Distribution



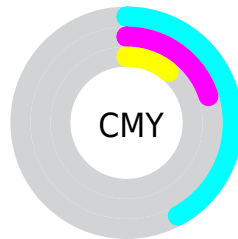
- Red (58%)
- Green (80%)
- Blue (89%)



- Red (58%)
- Yellow (71%)
- Blue (89%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3567, 0.2600, 0.3024 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 55.3567, 0.2600, 0.3024 by changing the saturation by 10% instead.

■ 55.3567, 0.2600,
0.3024

■ 55.3567, 0.2600,
0.3024

407.2626, 0.2851,
0.3157

■ 39.6874, 0.2541,
0.2991

■ 98.0634, 0.2688,
0.3072

■ 27.2949, 0.2468,
0.2949

■ 125.8695, 0.2722,
0.3090

■ 17.7948, 0.2373,
0.2894

158.4901, 0.2751,
0.3106

■ 10.8028, 0.2249,
0.2818

196.3094, 0.2777,
0.3119

■ 5.9344, 0.2076,
0.2708

239.7120, 0.2799,
0.3130

■ 2.8052, 0.1824,
0.2536

289.0821, 0.2818,

■ 1.0309, 0.1401,

0.3140

0.2244

344.8042, 0.2836,
0.3149

0.0000, 0.0000,
0.0000

55.3567, 0.2600,
0.3024

55.3567, 0.2600,
0.3024

50.6516, 0.2463,
0.2934

60.5868, 0.2746,
0.3108

46.4396, 0.2339,
0.2839

66.3587, 0.2897,
0.3186

42.6951, 0.2230,
0.2741

72.6964, 0.3051,
0.3258

39.3867, 0.2140,
0.2641

79.6203, 0.3205,
0.3322

36.4782, 0.2069,
0.2540

86.1810, 0.3321,
0.3380

■ 33.9258, 0.2018,
0.2441

■ 89.6789, 0.3314,
0.3439

■ 32.7303, 0.1998,
0.2391

■ 93.2940, 0.3307,
0.3497

■ 97.0274, 0.3300,
0.3554

■ 98.2694, 0.3298,
0.3572

Harmonies

Analogous

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



55.3567, 0.2675, 0.3266



55.3567, 0.2600, 0.3024



55.3567, 0.2657, 0.2869

Triad

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



55.3567, 0.2600, 0.3024



55.3567, 0.3380, 0.3064



55.3567, 0.3409, 0.3788

Complementary

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



55.3567, 0.2600, 0.3024



46.2886, 0.3871, 0.3538

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.



55.3567, 0.3613, 0.3705



55.3567, 0.2600, 0.3024



55.3567, 0.3598, 0.3286

Square

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



55.3567, 0.2600, 0.3024



55.3567, 0.3098, 0.2900



55.3567, 0.3684, 0.3518



55.3567, 0.3136, 0.3727

Rectangle

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



55.3567, 0.2600, 0.3024



55.3567, 0.2764, 0.2828



55.3567, 0.3684, 0.3518



55.3567, 0.3489, 0.3775

Sweetspot

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



55.3589, 0.2600, 0.3024



91.2322, 0.2972, 0.3222



63.3672, 0.2964, 0.4067



19.2770, 0.2950, 0.3212



0.0000, 0.0000, 0.0000



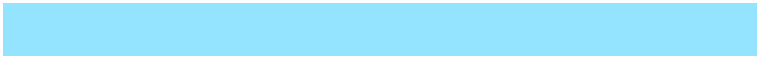
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3589, 0.2600, 0.3024



68.1909, 0.2498, 0.2958



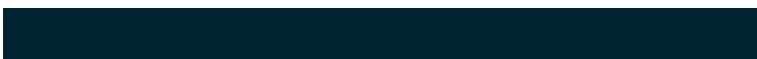
39.2561, 0.2531, 0.2513



14.9237, 0.2982, 0.3226



18.8823, 0.2002, 0.2407



1.4532, 0.2044, 0.2559

Inverse Universe

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



41.4565, 0.3359, 0.2636



47.9289, 0.3423, 0.2501



62.5317, 0.3721, 0.3961



13.8702, 0.3178, 0.3119



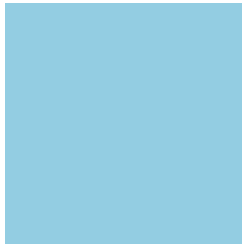
10.8142, 0.4016, 0.1986



0.7642, 0.3864, 0.1902

Previews

White Background



This preview shows how the Yxy color 55.3567, 0.2600, 0.3024 looks on a white background.

Color Contrast Check

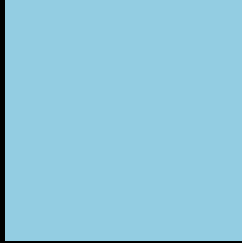
Large Text (above 18pt) WCAG AA × Fail

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 55.3567, 0.2600, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

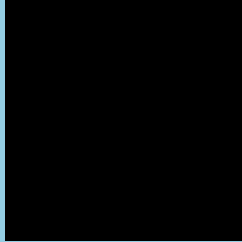
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3567, 0.2600, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 55.3567, 0.2600, 0.3024.



This preview shows how white text looks on a background with the Yxy color 55.3567, 0.2600, 0.3024.

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

55.3567, 0.2600, 0.3024

Protanopia

54.9045, 0.2933, 0.2992

Deuteranopia

54.9245, 0.2908, 0.2849



Tritanopia

55.5275, 0.2618, 0.3085

Trichromacy



Original Color

55.3567, 0.2600, 0.3024

Protanomaly

54.8922, 0.2800, 0.2997

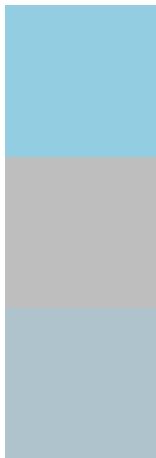
Deuteranomaly

54.6650, 0.2781, 0.2905

Tritanomaly

55.5813, 0.2612, 0.3073

Monochromacy



Original Color

55.3567, 0.2600, 0.3024

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3407, 0.2908, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3567, 0.2600, 0.3024 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(147, 205, 226)` looks like.

```
.text, #text, p{  
    color:rgb(147, 205, 226)  
}
```

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(147, 205, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 205, 226) }
```

Border

The CSS property to change the border of an element to Yxy 55.3567, 0.2600, 0.3024 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(147, 205, 226) }
```

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

```
.border{ border-color:rgb(147, 205, 226) }
```

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

Here you see how a box with a 4 pixel rgb(147, 205, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 205, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 205, 226);  
box-shadow:4px 4px 4px 4px rgb(147, 205,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3567, 0.2600, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 205, 226) }
```

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

```
.background{ background-color: rgb(147,  
205, 226) }
```

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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