

Converting Colors

$Yxy(56.5148, 0.2622, 0.3043)$

Have a look what the booklet for
Yxy(56.5148, 0.2622, 0.3043)
contains.

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Color

Yxy(56.6959, 0.2626, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	97CFE2
RGB	151, 207, 226
RGB Percent	59%, 81%, 89%
CMY	0.4080, 0.1882, 0.1137
CMYK	0.33, 0.08, 0.00, 0.11
HSL	195°, 56%, 74%
HSV	195°, 33%, 89%
XYZ	48.7982, 56.6959, 80.3331
YIQ	192.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

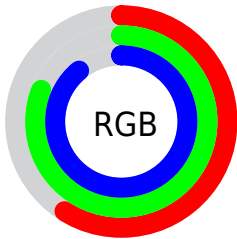
Format	Color
RYB	151, 183, 226
Decimal	9949154
CIELab	80.01, -13.46, -15.19
CIELCh	80, 20.296, 228.451
Yxy	56.6959, 0.2626, 0.3051
Android (android.graphics.Color)	4288139234 (0xFF97CFE2)
YUV	192.4220, 16.5540, -36.3271
Hunter-Lab	75.2967, -16.0870, -10.5481

Details

The Yxy color **56.6959, 0.2626, 0.3051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1402, 0.3827, 0.3515**, and the grayscale version is **52.8872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **28.2641, 0.2500, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **52.0165, 0.2489, 0.2966**, and if you desaturate by 10%, it is **61.8948, 0.2772, 0.3130**.

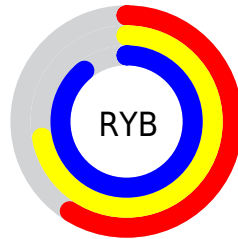
Distribution



Red (59%)

Green (81%)

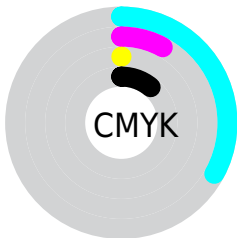
Blue (89%)



Red (59%)

Yellow (72%)

Blue (89%)

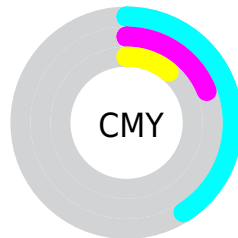


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (41%)


Magenta (19%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6959, 0.2626, 0.3051 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 56.6959, 0.2626, 0.3051 by changing the saturation by 10% instead.


 56.6959, 0.2626,
0.3051


 56.6959, 0.2626,
0.3051

412.3088, 0.2864,
0.3170

 40.7611, 0.2570,
0.3022


 100.0213, 0.2710,
0.3094

 28.1325, 0.2501,
0.2984


 128.1808, 0.2742,
0.3110

 18.4256, 0.2412,
0.2935


161.1839, 0.2769,
0.3124

 11.2559, 0.2294,
0.2867


199.4152, 0.2793,
0.3136

 6.2393, 0.2131,
0.2769

243.2589, 0.2814,
0.3146

 2.9911, 0.1894,
0.2615

293.0995, 0.2833,

 1.1271, 0.1511,

0.3155

0.2350

349.3213, 0.2849,
0.3163

0.0009, 0.0000,
0.0009

0.0000, 0.0000,
0.0000

56.6959, 0.2626,
0.3051

56.6959, 0.2626,
0.3051

52.0165, 0.2489,
0.2966

61.8948, 0.2772,
0.3130

47.8251, 0.2363,
0.2877

67.6293, 0.2924,
0.3203

44.0965, 0.2253,
0.2784

73.9231, 0.3078,
0.3270

40.8005, 0.2162,
0.2690

80.7962, 0.3231,
0.3330

■ 37.9019, 0.2089,
0.2594

■ 86.5270, 0.3320,
0.3386

■ 35.3586, 0.2037,
0.2500

■ 89.8686, 0.3313,
0.3441

■ 33.7886, 0.2010,
0.2436

■ 93.3166, 0.3307,
0.3496

■ 96.8721, 0.3300,
0.3551

■ 98.2718, 0.3297,
0.3572

Harmonies

Analogous

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



56.6959, 0.2706, 0.3285



56.6959, 0.2626, 0.3051



56.6959, 0.2672, 0.2896

Triad

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



56.6959, 0.2626, 0.3051



56.6959, 0.3351, 0.3063



56.6959, 0.3412, 0.3762

Complementary

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



56.6959, 0.2626, 0.3051



47.1402, 0.3827, 0.3515

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.



56.6959, 0.3598, 0.3676



56.6959, 0.2626, 0.3051



56.6959, 0.3564, 0.3272

Square

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



56.6959, 0.2626, 0.3051



56.6959, 0.3082, 0.2911



56.6959, 0.3656, 0.3494



56.6959, 0.3154, 0.3712

Rectangle

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



56.6959, 0.2626, 0.3051



56.6959, 0.2770, 0.2852



56.6959, 0.3656, 0.3494



56.6959, 0.3485, 0.3747

Sweetspot

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



56.6981, 0.2626, 0.3051



91.4297, 0.2972, 0.3225



63.8684, 0.2972, 0.4022



19.3250, 0.2950, 0.3215



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.



56.6981, 0.2626, 0.3051



70.1267, 0.2528, 0.2992



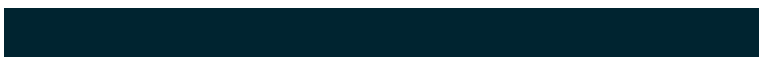
40.7131, 0.2563, 0.2558



14.9539, 0.2982, 0.3229



19.4725, 0.2014, 0.2451



1.4899, 0.2054, 0.2596

Inverse Universe

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



42.7969, 0.3336, 0.2659



49.7093, 0.3394, 0.2525



63.1519, 0.3689, 0.3927



13.8732, 0.3176, 0.3117



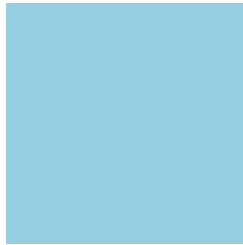
10.8738, 0.3971, 0.1961



0.7679, 0.3828, 0.1883

Previews

White Background



This preview shows how the Yxy color 56.6959, 0.2626, 0.3051 looks on a white background.

Color Contrast Check

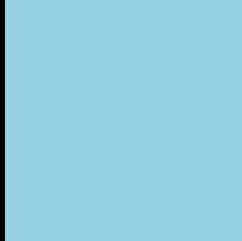
Large Text (above 18pt) WCAG AA × Fail

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 56.6959, 0.2626, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

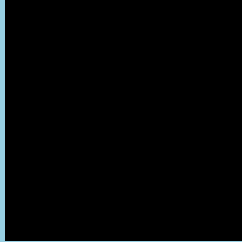
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6959, 0.2626, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 56.6959, 0.2626, 0.3051.



This preview shows how white text looks on a background with the Yxy color 56.6959, 0.2626, 0.3051.

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

56.6959, 0.2626, 0.3051

Protanopia

56.1964, 0.2956, 0.3018

Deuteranopia

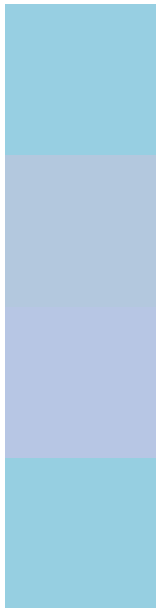
56.3536, 0.2939, 0.2877



Tritanopia

56.4915, 0.2632, 0.3075

Trichromacy



Original Color

56.6959, 0.2626, 0.3051

Protanomaly

56.1662, 0.2822, 0.3023

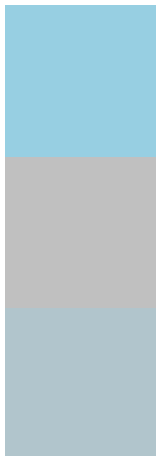
Deuteranomaly

56.0569, 0.2810, 0.2932

Tritanomaly

56.5459, 0.2626, 0.3063

Monochromacy



Original Color

56.6959, 0.2626, 0.3051

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6392, 0.2925, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6959, 0.2626, 0.3051 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, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 207, 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(151, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 207, 226) }
```

Border

The CSS property to change the border of an element to Yxy 56.6959, 0.2626, 0.3051 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, 207, 226) }
```

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

```
.border{ border-color:rgb(151, 207, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 207, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 207,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6959, 0.2626, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 207, 226) }
```

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

```
.background{ background-color: rgb(151,  
207, 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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