

Converting Colors

$Yxy(53.2023, 0.2594, 0.2825)$

Have a look what the booklet for
Yxy(53.2023, 0.2594, 0.2825)
contains.

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Color

Yxy(53.0988, 0.2596, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	9DC5EB
RGB	157, 197, 235
RGB Percent	62%, 77%, 92%
CMY	0.3843, 0.2274, 0.0785
CMYK	0.33, 0.16, 0.00, 0.08
HSL	209°, 66%, 77%
HSV	209°, 33%, 92%
XYZ	48.8637, 53.0988, 86.2644
YIQ	189.3720, -36.0380, 3.3380

Conversions

Conversions Part 2

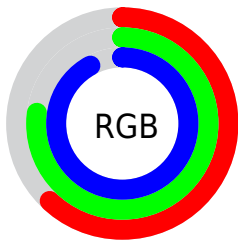
Format	Color
RYB	157, 183, 235
Decimal	10339819
CIELab	77.93, -4.34, -23.11
CIELCh	78, 23.513, 259.367
Yxy	53.0988, 0.2596, 0.2821
Android (android.graphics.Color)	4288529899 (0xFF9DC5EB)
YUV	189.3720, 22.4946, -28.3902
Hunter-Lab	72.8689, -7.8239, -19.1810

Details

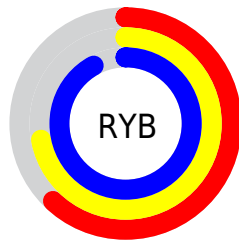
The Yxy color **53.0988, 0.2596, 0.2821** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.1152, 0.3762, 0.3715**, and the grayscale version is **50.9972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2498, 0.2877, 0.3279**, and **25.7832, 0.2461, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **45.9586, 0.2434, 0.2650**, and if you desaturate by 10%, it is **61.0922, 0.2760, 0.2979**.

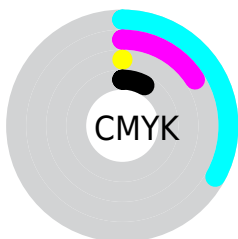
Distribution



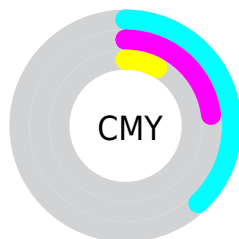
- Red (62%)
- Green (77%)
- Blue (92%)



- Red (62%)
- Yellow (72%)
- Blue (92%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0988, 0.2596, 0.2821 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 53.0988, 0.2596, 0.2821 by changing the saturation by 10% instead.

■ 53.0988, 0.2596,
0.2821

■ 53.0988, 0.2596,
0.2821

■ 398.6641, 0.2851,
0.3049

■ 37.8816, 0.2536,
0.2766

■ 94.7497, 0.2686,
0.2902

■ 25.8908, 0.2461,
0.2698

■ 121.9523, 0.2721,
0.2933

■ 16.7420, 0.2364,
0.2609

■ 153.9188, 0.2750,
0.2960

■ 10.0507, 0.2236,
0.2489

■ 191.0336, 0.2776,
0.2983

■ 5.4326, 0.2059,
0.2322

■ 233.6812, 0.2798,
0.3002

■ 2.5032, 0.1800,
0.2073

■ 282.2458, 0.2818,

■ 0.8783, 0.1392,

0.3020

0.1677

337.1120, 0.2835,
0.3035

0.0000, 0.0000,
0.0000

53.0988, 0.2596,
0.2821

53.0988, 0.2596,
0.2821

45.9586, 0.2434,
0.2650

61.0922, 0.2760,
0.2979

39.6306, 0.2279,
0.2469

69.9652, 0.2921,
0.3122

34.0791, 0.2135,
0.2280

79.7502, 0.3078,
0.3252

29.2622, 0.2008,
0.2088

90.4763, 0.3229,
0.3367

25.1330, 0.1902,
0.1898

98.2854, 0.3245,
0.3476

■ 21.6361, 0.1821,
0.1715

■ 98.7777, 0.3244,
0.3483

■ 19.5642, 0.1777,
0.1596

Harmonies

Analogous

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



53.0988, 0.2538, 0.2997



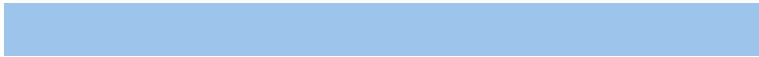
53.0988, 0.2596, 0.2821



53.0988, 0.2790, 0.2773

Triad

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



53.0988, 0.2596, 0.2821



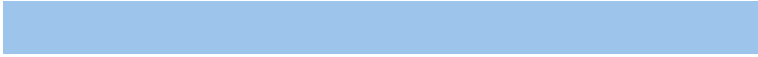
53.0988, 0.3652, 0.3274



53.0988, 0.3147, 0.3790

Complementary

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



53.0988, 0.2596, 0.2821



59.1152, 0.3762, 0.3715

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.



53.0988, 0.3453, 0.3851



53.0988, 0.2596, 0.2821



53.0988, 0.3755, 0.3534

Square

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



53.0988, 0.2596, 0.2821



53.0988, 0.3401, 0.3029



53.0988, 0.3679, 0.3749



53.0988, 0.2845, 0.3571

Rectangle

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



53.0988, 0.2596, 0.2821



53.0988, 0.2978, 0.2811



53.0988, 0.3679, 0.3749



53.0988, 0.3253, 0.3830

Sweetspot

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



53.1009, 0.2596, 0.2821



87.8115, 0.2971, 0.3165



70.5060, 0.2870, 0.3787



18.4480, 0.2949, 0.3146



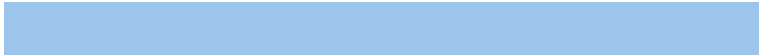
0.0000, 0.0000, 0.0000



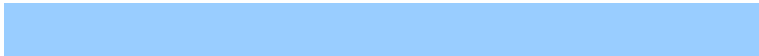
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1009, 0.2596, 0.2821



57.8116, 0.2483, 0.2703



37.7187, 0.2532, 0.2320



15.8269, 0.2981, 0.3172



11.1460, 0.1784, 0.1624



1.0678, 0.1853, 0.1870

Inverse Universe

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



45.8038, 0.3505, 0.2847



48.4661, 0.3616, 0.2752



78.7657, 0.3632, 0.4105



15.1831, 0.3213, 0.3170



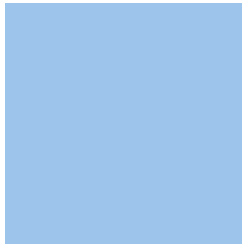
10.6180, 0.4901, 0.2474



0.8532, 0.4603, 0.2309

Previews

White Background



This preview shows how the Yxy color 53.0988, 0.2596, 0.2821 looks on a white background.

Color Contrast Check

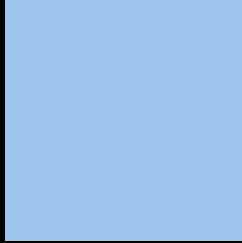
Large Text (above 18pt) WCAG AA × Fail

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 53.0988, 0.2596, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

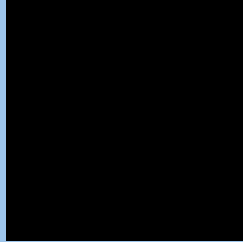
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

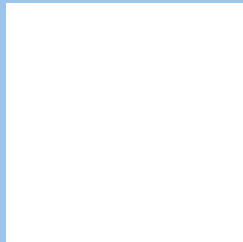
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0988, 0.2596, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 53.0988, 0.2596, 0.2821.



This preview shows how white text looks on a background with the Yxy color 53.0988, 0.2596, 0.2821.

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

53.0988, 0.2596, 0.2821

Protanopia

52.7304, 0.2799, 0.2813

Deuteranopia

52.7722, 0.2780, 0.2717



Tritanopia

53.0387, 0.2685, 0.3084

Trichromacy



Original Color

53.0988, 0.2596, 0.2821

Protanomaly

52.9648, 0.2719, 0.2818

Deuteranomaly

52.6648, 0.2712, 0.2752

Tritanomaly

53.0446, 0.2649, 0.2985

Monochromacy



Original Color

53.0988, 0.2596, 0.2821

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5026, 0.2909, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0988, 0.2596, 0.2821 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(157, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(157, 197, 235)  
}
```

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(157, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 197, 235) }
```

Border

The CSS property to change the border of an element to Yxy 53.0988, 0.2596, 0.2821 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(157, 197, 235) }
```

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

```
.border{ border-color:rgb(157, 197, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 197, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(157, 197,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0988, 0.2596, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 197, 235) }
```

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

```
.background{ background-color: rgb(157,  
197, 235) }
```

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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