

Converting Colors

$Yxy(53.9019, 0.2382, 0.2890)$

Have a look what the booklet for
Yxy(53.9019, 0.2382, 0.2890)
contains.

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Color

Yxy(53.9019, 0.2382, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	73CEED
RGB	115, 206, 237
RGB Percent	45%, 81%, 93%
CMY	0.5490, 0.1921, 0.0706
CMYK	0.51, 0.13, 0.00, 0.07
HSL	195°, 77%, 69%
HSV	195°, 51%, 93%
XYZ	44.4271, 53.9019, 88.1828
YIQ	182.3250, -64.1870, -9.6510

Conversions

Conversions Part 2

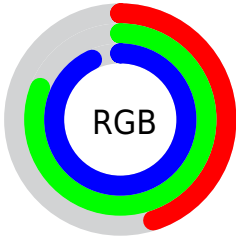
Format	Color
RYB	115, 167, 237
Decimal	7589613
CIELab	78.40, -18.88, -23.66
CIElCh	78, 30.268, 231.411
Yxy	53.9019, 0.2382, 0.2890
Android (android.graphics.Color)	4285779693 (0xFF73CEED)
YUV	182.3250, 26.9548, -59.0440
Hunter-Lab	73.4179, -20.4663, -19.8211

Details

The Yxy color **53.9019, 0.2382, 0.2890** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **39.7996, 0.4413, 0.3636**, and the grayscale version is **46.8430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **26.5227, 0.2203, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **49.6544, 0.2269, 0.2797**, and if you desaturate by 10%, it is **58.6775, 0.2510, 0.2979**.

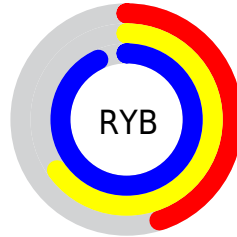
Distribution



Red (45%)

Green (81%)

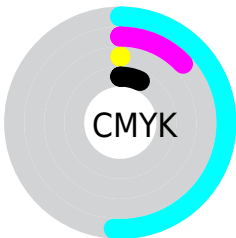
Blue (93%)



Red (45%)

Yellow (65%)

Blue (93%)

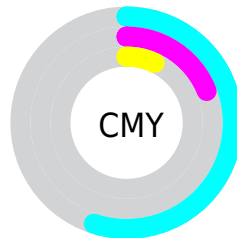


Cyan (51%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9019, 0.2382, 0.2890 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 53.9019, 0.2382, 0.2890 by changing the saturation by 10% instead.

■ 53.9019, 0.2382,
0.2890

■ 53.9019, 0.2382,
0.2890

■ 401.7358, 0.2734,
0.3091

■ 38.5232, 0.2301,
0.2840

■ 95.9302, 0.2505,
0.2963

■ 26.3890, 0.2200,
0.2777

■ 123.3486, 0.2553,
0.2991

■ 17.1149, 0.2072,
0.2693

■ 155.5491, 0.2594,
0.3014

■ 10.3165, 0.1906,
0.2579

■ 192.9160, 0.2629,
0.3034

■ 5.6093, 0.1682,
0.2416

■ 235.8337, 0.2660,
0.3051

■ 2.6090, 0.1370,
0.2168

■ 284.6867, 0.2688,

■ 0.9312, 0.0811,

0.3066

0.1784

339.8592, 0.2712,
0.3080

0.0000, 0.0000,
0.0000

53.9019, 0.2382,
0.2890

53.9019, 0.2382,
0.2890

49.6544, 0.2269,
0.2797

58.6775, 0.2510,
0.2979

45.8953, 0.2174,
0.2702

64.0052, 0.2649,
0.3064

42.5883, 0.2098,
0.2606

69.9144, 0.2797,
0.3142

39.6876, 0.2043,
0.2511

76.4308, 0.2950,
0.3215

37.4740, 0.2009,
0.2431

83.5778, 0.3104,
0.3281

90.9580, 0.3243,
0.3340

94.6044, 0.3238,
0.3398

98.3699, 0.3233,
0.3456

98.8945, 0.3232,
0.3464

Harmonies

Analogous

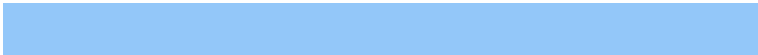
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.9019, 0.2478, 0.3234



53.9019, 0.2382, 0.2890



53.9019, 0.2467, 0.2684

Triad

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



53.9019, 0.2382, 0.2890



53.9019, 0.3502, 0.2978



53.9019, 0.3514, 0.4015

Complementary

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



53.9019, 0.2382, 0.2890



39.7996, 0.4413, 0.3636

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.



53.9019, 0.3816, 0.3884



53.9019, 0.2382, 0.2890



53.9019, 0.3817, 0.3285

Square

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



53.9019, 0.2382, 0.2890



53.9019, 0.3094, 0.2748



53.9019, 0.3933, 0.3612



53.9019, 0.3119, 0.3927

Rectangle

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



53.9019, 0.2382, 0.2890



53.9019, 0.2619, 0.2637



53.9019, 0.3933, 0.3612



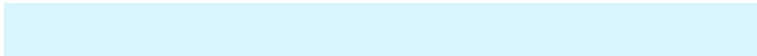
53.9019, 0.3630, 0.3993

Sweetspot

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



53.9039, 0.2382, 0.2890



87.4089, 0.2895, 0.3190



66.2735, 0.2905, 0.4529



18.3594, 0.2862, 0.3174



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.



53.9039, 0.2382, 0.2890



58.2709, 0.2261, 0.2790



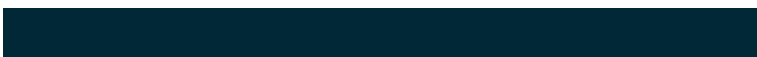
30.1637, 0.2216, 0.2053



16.4362, 0.2981, 0.3229



20.6802, 0.2013, 0.2446



1.7760, 0.2049, 0.2577

Inverse Universe

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



34.7228, 0.3497, 0.2326



34.6885, 0.3603, 0.2164



63.6266, 0.4037, 0.4265



15.2446, 0.3177, 0.3116



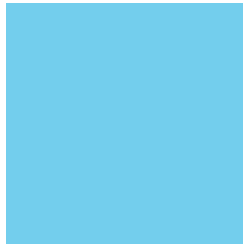
11.5805, 0.3976, 0.1964



0.9247, 0.3846, 0.1893

Previews

White Background



This preview shows how the Yxy color 53.9019, 0.2382, 0.2890 looks on a white background.

Color Contrast Check

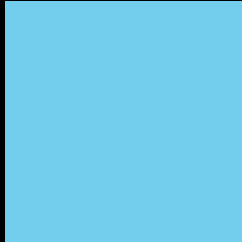
Large Text (above 18pt) WCAG AA × Fail

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 53.9019, 0.2382, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

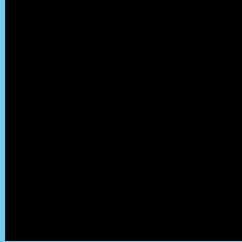
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9019, 0.2382, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 53.9019, 0.2382, 0.2890.

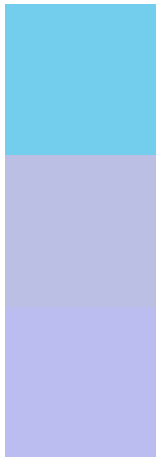


This preview shows how white text looks on a background with the Yxy color 53.9019, 0.2382, 0.2890.

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

53.9019, 0.2382, 0.2890

Protanopia

53.2468, 0.2833, 0.2860

Deuteranopia

53.3109, 0.2749, 0.2686



Tritanopia

53.9275, 0.2426, 0.3064

Trichromacy



Original Color

53.9019, 0.2382, 0.2890

Protanomaly

52.7230, 0.2636, 0.2856

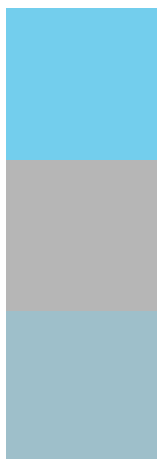
Deuteranomaly

52.8986, 0.2590, 0.2743

Tritanomaly

53.7275, 0.2409, 0.3000

Monochromacy



Original Color

53.9019, 0.2382, 0.2890

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.7950, 0.2796, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9019, 0.2382, 0.2890 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(115, 206, 237)` looks like.

```
.text, #text, p{  
    color:rgb(115, 206, 237)  
}
```

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(115, 206, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 206, 237) }
```

Border

The CSS property to change the border of an element to Yxy 53.9019, 0.2382, 0.2890 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(115, 206, 237) }
```

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

```
.border{ border-color:rgb(115, 206, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 206, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 206, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 206, 237); box-shadow:4px 4px 4px 4px rgb(115, 206, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9019, 0.2382, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 206, 237) }
```

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

```
.background{ background-color: rgb(115,  
206, 237) }
```

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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