

Converting Colors

$Yxy(56.3921, 0.2437, 0.2707)$

Have a look what the booklet for
Yxy(56.3921, 0.2437, 0.2707)
contains.

Yxy(56.5941, 0.2439, 0.2712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.5941, 0.2439, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	8FCDFD
RGB	143, 205, 253
RGB Percent	56%, 80%, 99%
CMY	0.4390, 0.1961, 0.0077
CMYK	0.43, 0.19, 0.00, 0.01
HSL	206°, 97%, 78%
HSV	206°, 43%, 99%
XYZ	50.8971, 56.5941, 101.1891
YIQ	191.9340, -52.3600, 1.7840

Conversions

Conversions Part 2

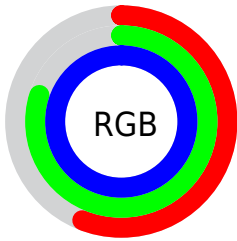
Format	Color
RYB	143, 183, 253
Decimal	9424381
CIELab	79.95, -7.55, -29.74
CIELCh	80, 30.686, 255.749
Yxy	56.5941, 0.2439, 0.2712
Android (android.graphics.Color)	4287614461 (0xFF8FCDFD)
YUV	191.9340, 30.1055, -42.9151
Hunter-Lab	75.2291, -10.8845, -27.0895

Details

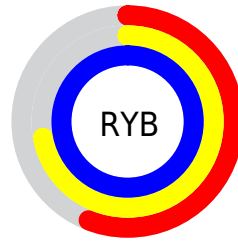
The Yxy color **56.5941, 0.2439, 0.2712** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1685, 0.4045, 0.3795**, and the grayscale version is **52.5229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **28.0972, 0.2275, 0.2571** is the 20% darker color. If you saturate the color by 10%, you get **49.4846, 0.2290, 0.2550**, and if you desaturate by 10%, it is **64.5906, 0.2596, 0.2865**.

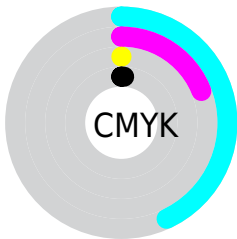
Distribution



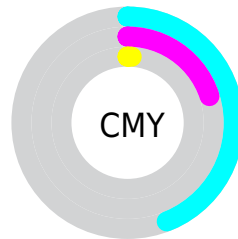
- Red (56%)
- Green (80%)
- Blue (99%)



- Red (56%)
- Yellow (72%)
- Blue (99%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (44%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5941, 0.2439, 0.2712 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 56.5941, 0.2439, 0.2712 by changing the saturation by 10% instead.

■ 56.5941, 0.2439,
0.2712

■ 56.5941, 0.2439,
0.2712

411.9266, 0.2762,
0.2990

■ 40.6794, 0.2365,
0.2647

■ 99.8727, 0.2552,
0.2810

■ 28.0687, 0.2273,
0.2565

■ 128.0054, 0.2595,
0.2848

■ 18.3775, 0.2158,
0.2461

160.9796, 0.2633,
0.2880

■ 11.2213, 0.2008,
0.2324

199.1797, 0.2665,
0.2908

■ 6.2159, 0.1808,
0.2137

242.9900, 0.2694,
0.2932

■ 2.9768, 0.1530,
0.1870

292.7950, 0.2719,

■ 1.1196, 0.1134,

0.2954

0.1472

348.9791, 0.2742,
0.2973

0.0000, 0.0000,
0.0000

56.5941, 0.2439,
0.2712

56.5941, 0.2439,
0.2712

49.4846, 0.2290,
0.2550

64.5906, 0.2596,
0.2865

43.2134, 0.2154,
0.2380

73.5064, 0.2756,
0.3007

37.7357, 0.2035,
0.2208

83.3800, 0.2917,
0.3136

32.9982, 0.1937,
0.2036

94.2450, 0.3074,
0.3253

28.9375, 0.1862,
0.1870

99.8734, 0.3139,
0.3309

■ 26.5933, 0.1824,
0.1765

Harmonies

Analogous

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



56.5941, 0.2388, 0.2947



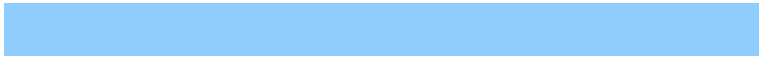
56.5941, 0.2439, 0.2712



56.5941, 0.2661, 0.2638

Triad

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



56.5941, 0.2439, 0.2712



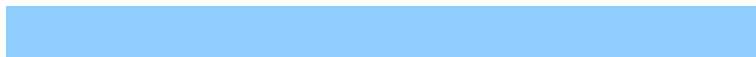
56.5941, 0.3769, 0.3224



56.5941, 0.3195, 0.3960

Complementary

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



56.5941, 0.2439, 0.2712



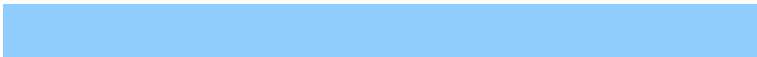
60.1685, 0.4045, 0.3795

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.



56.5941, 0.3580, 0.4004



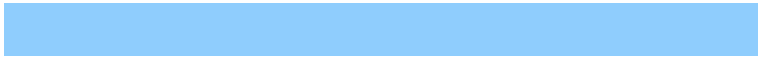
56.5941, 0.2439, 0.2712



56.5941, 0.3927, 0.3551

Square

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



56.5941, 0.2439, 0.2712



56.5941, 0.3427, 0.2928



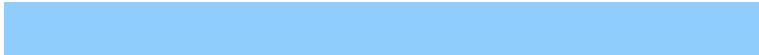
56.5941, 0.3853, 0.3840



56.5941, 0.2808, 0.3695

Rectangle

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



56.5941, 0.2439, 0.2712



56.5941, 0.2888, 0.2675



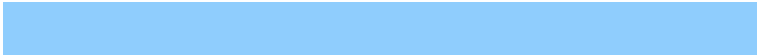
56.5941, 0.3853, 0.3840



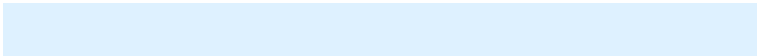
56.5941, 0.3329, 0.4001

Sweetspot

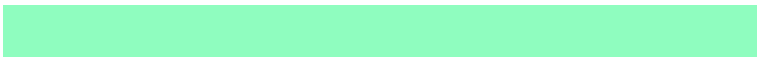
The Sweet Spot groups the original color and five complimentary colors.



56.5962, 0.2439, 0.2712



85.3537, 0.2924, 0.3142



79.8585, 0.2830, 0.4048



17.7737, 0.2889, 0.3114



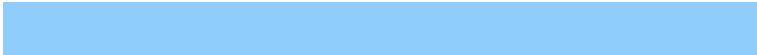
0.0000, 0.0000, 0.0000



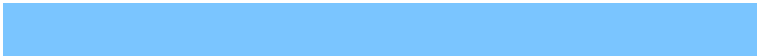
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5962, 0.2439, 0.2712



51.3588, 0.2311, 0.2574



34.8714, 0.2321, 0.2022



19.0755, 0.2979, 0.3184



14.4391, 0.1831, 0.1790



1.6235, 0.1882, 0.1976

Inverse Universe

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



44.9540, 0.3620, 0.2652



39.3127, 0.3763, 0.2536



88.5966, 0.3805, 0.4303



18.1585, 0.3206, 0.3157



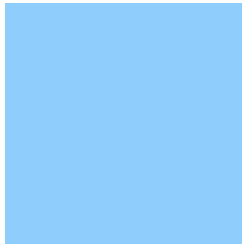
12.1856, 0.4697, 0.2361



1.2084, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 56.5941, 0.2439, 0.2712 looks on a white background.

Color Contrast Check

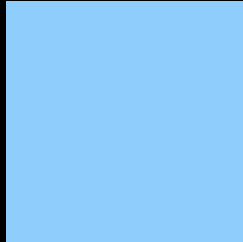
Large Text (above 18pt) WCAG AA × Fail

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 56.5941, 0.2439, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

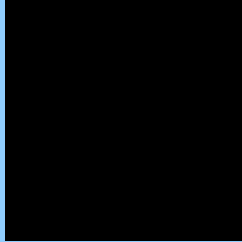
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

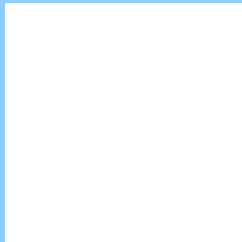
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5941, 0.2439, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 56.5941, 0.2439, 0.2712.



This preview shows how white text looks on a background with the Yxy color 56.5941, 0.2439, 0.2712.

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

56.5941, 0.2439, 0.2712

Protanopia

55.9983, 0.2710, 0.2703

Deuteranopia

56.2427, 0.2663, 0.2601



Tritanopia

56.8735, 0.2543, 0.3072

Trichromacy



Original Color

56.5941, 0.2439, 0.2712

Protanomaly

56.2324, 0.2601, 0.2704

Deuteranomaly

56.0900, 0.2573, 0.2640

Tritanomaly

56.6568, 0.2508, 0.2939

Monochromacy



Original Color

56.5941, 0.2439, 0.2712

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7862, 0.2836, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5941, 0.2439, 0.2712 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(143, 205, 253)` looks like.

```
.text, #text, p{  
    color:rgb(143, 205, 253)  
}
```

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(143, 205, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 205, 253) }
```

Border

The CSS property to change the border of an element to Yxy 56.5941, 0.2439, 0.2712 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(143, 205, 253) }
```

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

```
.border{ border-color:rgb(143, 205, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 205, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 205, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 205, 253);  
box-shadow:4px 4px 4px 4px rgb(143, 205,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5941, 0.2439, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 205, 253) }
```

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

```
.background{ background-color: rgb(143,  
205, 253) }
```

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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