

Converting Colors

Yxy(56.6813, 0.2465, 0.2695)

Have a look what the booklet for
Yxy(56.6813, 0.2465, 0.2695)
contains.

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Color

Yxy(56.7310, 0.2463, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	95CCFE
RGB	149, 204, 254
RGB Percent	58%, 80%, 100%
CMY	0.4160, 0.1999, 0.0039
CMYK	0.41, 0.20, 0.00, 0.00
HSL	209°, 98%, 79%
HSV	209°, 41%, 100%
XYZ	51.8665, 56.7310, 101.9852
YIQ	193.2550, -48.8300, 3.8900

Conversions

Conversions Part 2

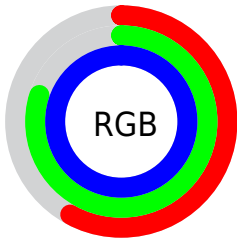
Format	Color
R _Y B	149, 185, 254
Decimal	9817342
CIE Lab	80.03, -5.33, -30.12
CIE LCh	80, 30.586, 259.973
Yxy	56.7310, 0.2463, 0.2694
Android (android.graphics.Color)	4288007422 (0xFF95CCFE)
YUV	193.2550, 29.9473, -38.8116
Hunter-Lab	75.3200, -8.8920, -27.5562

Details

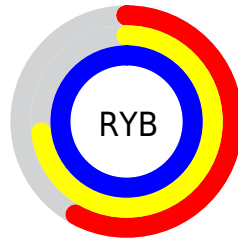
The Yxy color **56.7310, 0.2463, 0.2694** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0461, 0.3970, 0.3812**, and the grayscale version is **53.3210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **28.1711, 0.2306, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **49.0767, 0.2307, 0.2518**, and if you desaturate by 10%, it is **65.3561, 0.2625, 0.2859**.

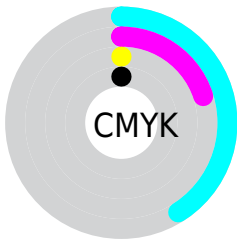
Distribution



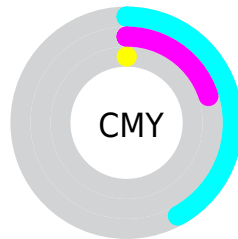
- Red (58%)
- Green (80%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7310, 0.2463, 0.2694 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 56.7310, 0.2463, 0.2694 by changing the saturation by 10% instead.

■ 56.7310, 0.2463,
0.2694

■ 56.7310, 0.2463,
0.2694

■ 412.4406, 0.2775,
0.2979

■ 40.7893, 0.2391,
0.2627

■ 100.0726, 0.2572,
0.2794

■ 28.1545, 0.2303,
0.2545

■ 128.2412, 0.2614,
0.2833

■ 18.4422, 0.2191,
0.2439

■ 161.2544, 0.2650,
0.2866

■ 11.2679, 0.2045,
0.2301

■ 199.4963, 0.2682,
0.2895

■ 6.2473, 0.1850,
0.2112

■ 243.3516, 0.2710,
0.2920

■ 2.9960, 0.1579,
0.1845

■ 293.2044, 0.2734,

■ 1.1297, 0.1190,

0.2942

0.1449

349.4393, 0.2756,
0.2961

0.0031, 0.0000,
0.0012

0.0000, 0.0000,
0.0000

56.7310, 0.2463,
0.2694

56.7310, 0.2463,
0.2694

49.0767, 0.2307,
0.2518

65.3561, 0.2625,
0.2859

42.3425, 0.2162,
0.2334

74.9864, 0.2788,
0.3011

36.4818, 0.2033,
0.2145

85.6622, 0.2950,
0.3150

31.4397, 0.1925,
0.1958

97.4193, 0.3106,
0.3274

■ 27.1521, 0.1841,
0.1777

99.9360, 0.3133,
0.3299

■ 23.9785, 0.1786,
0.1628

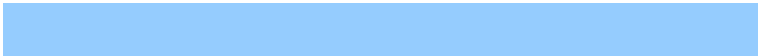
Harmonies

Analogous

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



56.7310, 0.2387, 0.2906



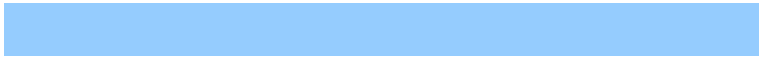
56.7310, 0.2463, 0.2694



56.7310, 0.2707, 0.2642

Triad

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



56.7310, 0.2463, 0.2694



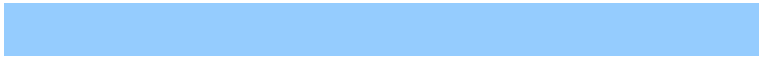
56.7310, 0.3802, 0.3270



56.7310, 0.3138, 0.3932

Complementary

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



56.7310, 0.2463, 0.2694



64.0461, 0.3970, 0.3812

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.



56.7310, 0.3529, 0.4008



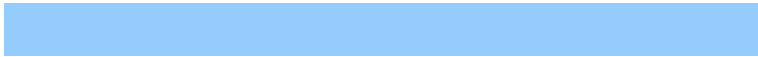
56.7310, 0.2463, 0.2694



56.7310, 0.3928, 0.3595

Square

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



56.7310, 0.2463, 0.2694



56.7310, 0.3481, 0.2967



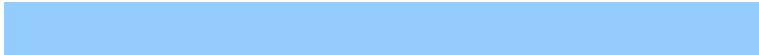
56.7310, 0.3822, 0.3870



56.7310, 0.2761, 0.3643

Rectangle

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



56.7310, 0.2463, 0.2694



56.7310, 0.2943, 0.2694



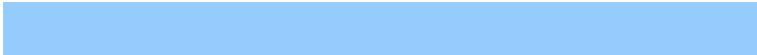
56.7310, 0.3822, 0.3870



56.7310, 0.3272, 0.3984

Sweetspot

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



56.7332, 0.2463, 0.2694



85.7128, 0.2940, 0.3141



81.3447, 0.2824, 0.3960



18.0337, 0.2919, 0.3124



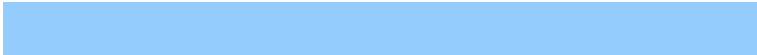
0.0000, 0.0000, 0.0000



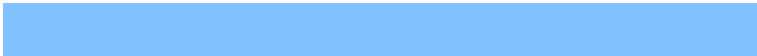
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7332, 0.2463, 0.2694



50.5089, 0.2328, 0.2542



36.1348, 0.2358, 0.2050



18.9539, 0.2979, 0.3174



12.9390, 0.1793, 0.1656



1.4787, 0.1849, 0.1854

Inverse Universe

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



46.9039, 0.3628, 0.2722



40.4789, 0.3782, 0.2610



91.9229, 0.3760, 0.4286



18.1462, 0.3212, 0.3166



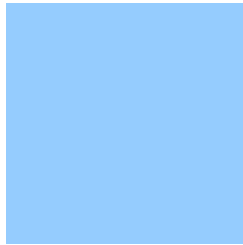
12.0342, 0.4861, 0.2452



1.1938, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 56.7310, 0.2463, 0.2694 looks on a white background.

Color Contrast Check

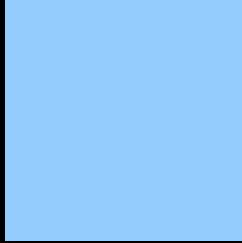
Large Text (above 18pt) WCAG AA × Fail

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 56.7310, 0.2463, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

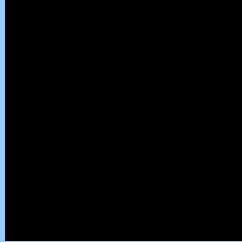
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

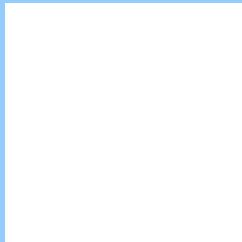
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7310, 0.2463, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 56.7310, 0.2463, 0.2694.



This preview shows how white text looks on a background with the Yxy color 56.7310, 0.2463, 0.2694.

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

56.7310, 0.2463, 0.2694

Protanopia

56.5715, 0.2700, 0.2694

Deuteranopia

56.2427, 0.2663, 0.2601



Tritanopia

56.7546, 0.2573, 0.3073

Trichromacy



Original Color

56.7310, 0.2463, 0.2694

Protanomaly

56.5196, 0.2608, 0.2696

Deuteranomaly

56.4924, 0.2586, 0.2633

Tritanomaly

56.6111, 0.2533, 0.2929

Monochromacy



Original Color

56.7310, 0.2463, 0.2694

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1859, 0.2851, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7310, 0.2463, 0.2694 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(149, 204, 254)` looks like.

```
.text, #text, p{  
    color:rgb(149, 204, 254)  
}
```

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(149, 204, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 204, 254) }
```

Border

The CSS property to change the border of an element to Yxy 56.7310, 0.2463, 0.2694 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(149, 204, 254) }
```

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

```
.border{ border-color:rgb(149, 204, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 204, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 204, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 204, 254);  
box-shadow:4px 4px 4px 4px rgb(149, 204,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7310, 0.2463, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 204, 254) }
```

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

```
.background{ background-color: rgb(149,  
204, 254) }
```

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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