

Converting Colors

$Yxy(56.7191, 0.2439, 0.2688)$

Have a look what the booklet for
Yxy(56.7191, 0.2439, 0.2688)
contains.

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Color

Yxy(56.9024, 0.2440, 0.2693)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 91CDFF |
| RGB | 145, 205, 255 |
| RGB Percent | 57%, 80%, 100% |
| CMY | 0.4312, 0.1961, 0.0002 |
| CMYK | 0.43, 0.20, 0.00, 0.00 |
| HSL | 207°, 100%, 78% |
| HSV | 207°, 43%, 100% |
| XYZ | 51.5566, 56.9024, 102.8385 |
| YIQ | 192.7600, -51.8100, 2.8300 |

Conversions

Conversions Part 2

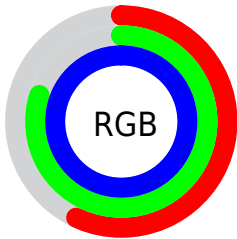
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 145, 184, 255 |
| Decimal | 9555455 |
| CIE Lab | 80.12, -6.56, -30.50 |
| CIE LCh | 80, 31.193, 257.865 |
| Yxy | 56.9024, 0.2440, 0.2693 |
| Android (android.graphics.Color) | 4287745535 (0xFF91CDFF) |
| YUV | 192.7600, 30.6843, -41.8855 |
| Hunter-Lab | 75.4337, -10.0097, -28.0263 |

Details

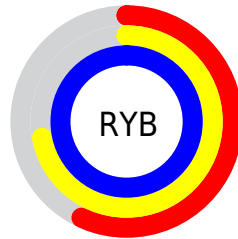
The Yxy color **56.9024, 0.2440, 0.2693** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.3224, 0.4027, 0.3811**, and the grayscale version is **53.0237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **28.2851, 0.2275, 0.2545** is the 20% darker color. If you saturate the color by 10%, you get **49.5021, 0.2288, 0.2524**, and if you desaturate by 10%, it is **65.2372, 0.2599, 0.2852**.

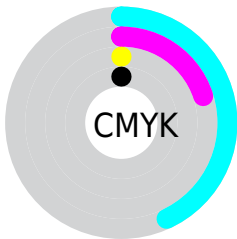
Distribution



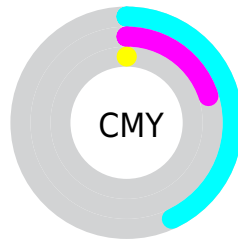
- Red (57%)
- Green (80%)
- Blue (100%)



- Red (57%)
- Yellow (72%)
- Blue (100%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9024, 0.2440, 0.2693 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 56.9024, 0.2440, 0.2693 by changing the saturation by 10% instead.


 56.9024, 0.2440,
0.2693

 56.9024, 0.2440,
0.2693


413.0835, 0.2762,
0.2979

 40.9269, 0.2366,
0.2626


 100.3228, 0.2552,
0.2794

 28.2620, 0.2275,
0.2543

 128.5364, 0.2596,
0.2832

 18.5232, 0.2160,
0.2437


161.5982, 0.2633,
0.2866

 11.3263, 0.2011,
0.2298

199.8926, 0.2666,
0.2894

 6.2867, 0.1812,
0.2109

243.8039, 0.2694,
0.2919

 3.0202, 0.1537,
0.1840

293.7165, 0.2720,

 1.1423, 0.1146,

0.2942

0.1443

350.0149, 0.2742,
0.2961

0.0138, 0.0000,
0.0051

0.0000, 0.0000,
0.0000

56.9024, 0.2440,
0.2693

56.9024, 0.2440,
0.2693

49.5021, 0.2288,
0.2524

65.2372, 0.2599,
0.2852

42.9859, 0.2149,
0.2347

74.5405, 0.2761,
0.3000

37.3072, 0.2027,
0.2167

84.8521, 0.2922,
0.3134

32.4109, 0.1926,
0.1989

96.2074, 0.3079,
0.3255

■ 28.2315, 0.1848,
0.1816

99.9974, 0.3127,
0.3290

■ 25.7102, 0.1806,
0.1702

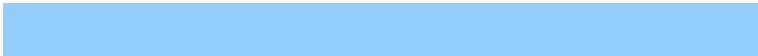
Harmonies

Analogous

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



56.9024, 0.2376, 0.2920



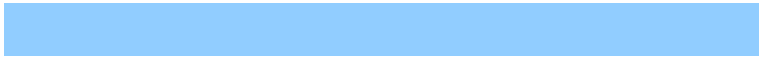
56.9024, 0.2440, 0.2693



56.9024, 0.2677, 0.2630

Triad

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



56.9024, 0.2440, 0.2693



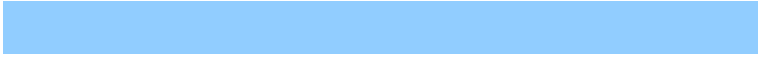
56.9024, 0.3797, 0.3246



56.9024, 0.3167, 0.3958

Complementary

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



56.9024, 0.2440, 0.2693



62.3224, 0.4027, 0.3811

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.



56.9024, 0.3561, 0.4019



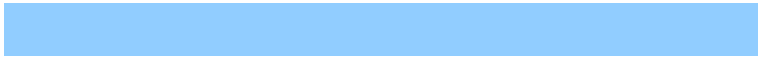
56.9024, 0.2440, 0.2693



56.9024, 0.3942, 0.3577

Square

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



56.9024, 0.2440, 0.2693



56.9024, 0.3460, 0.2942



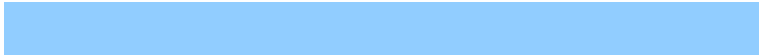
56.9024, 0.3850, 0.3864



56.9024, 0.2778, 0.3676

Rectangle

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



56.9024, 0.2440, 0.2693



56.9024, 0.2912, 0.2675



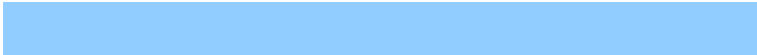
56.9024, 0.3850, 0.3864



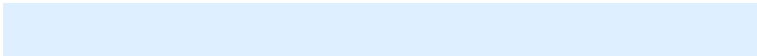
56.9024, 0.3303, 0.4005

Sweetspot

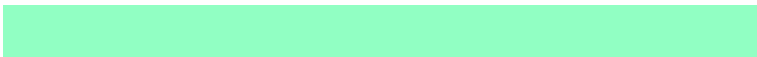
The Sweet Spot groups the original color and five complimentary colors.



56.9046, 0.2440, 0.2693



85.0080, 0.2924, 0.3135



81.4343, 0.2823, 0.4018



17.6883, 0.2889, 0.3107



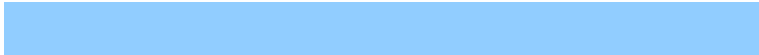
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



56.9046, 0.2440, 0.2693



50.3011, 0.2305, 0.2543



35.2218, 0.2324, 0.2011



19.0202, 0.2979, 0.3179



13.7414, 0.1814, 0.1729



1.5564, 0.1867, 0.1921

Inverse Universe

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



45.9209, 0.3634, 0.2676



39.2059, 0.3789, 0.2558



91.3357, 0.3792, 0.4311



18.1529, 0.3208, 0.3161



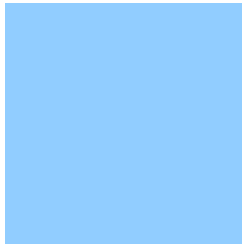
12.1152, 0.4771, 0.2402



1.2017, 0.4543, 0.2277

Previews

White Background



This preview shows how the Yxy color 56.9024, 0.2440, 0.2693 looks on a white background.

Color Contrast Check

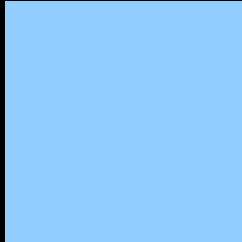
Large Text (above 18pt) WCAG AA × Fail

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 56.9024, 0.2440, 0.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

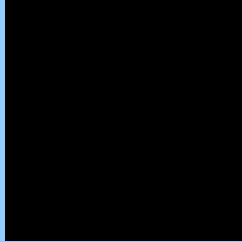
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

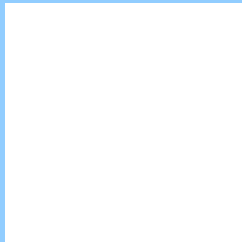
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9024, 0.2440, 0.2693

Background



This preview shows how black text looks on a background with the Yxy color 56.9024, 0.2440, 0.2693.



This preview shows how white text looks on a background with the Yxy color 56.9024, 0.2440, 0.2693.

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

56.9024, 0.2440, 0.2693

Protanopia

56.5715, 0.2700, 0.2694

Deuteranopia

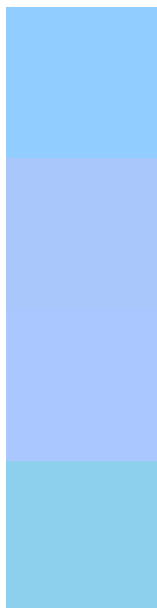
56.6893, 0.2664, 0.2612



Tritanopia

56.9576, 0.2548, 0.3073

Trichromacy



Original Color

56.9024, 0.2440, 0.2693

Protanomaly

56.3579, 0.2591, 0.2683

Deuteranomaly

56.7248, 0.2575, 0.2643

Tritanomaly

56.8016, 0.2508, 0.2928

Monochromacy



Original Color

56.9024, 0.2440, 0.2693

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1205, 0.2837, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9024, 0.2440, 0.2693 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(145, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 205, 255)  
}
```

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(145, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.9024, 0.2440, 0.2693 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(145, 205, 255) }
```

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

```
.border{ border-color:rgb(145, 205, 255) }
```

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

Here you see how a box with a 4 pixel rgb(145, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9024, 0.2440, 0.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 205, 255) }
```

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

```
.background{ background-color: rgb(145,  
205, 255) }
```

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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