

Converting Colors

Yxy(56.4307, 0.2430, 0.2668)

Have a look what the booklet for
Yxy(56.4307, 0.2430, 0.2668)
contains.

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Color

Yxy(56.4255, 0.2438, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	91CCFF
RGB	145, 204, 255
RGB Percent	57%, 80%, 100%
CMY	0.4310, 0.2000, 0.0000
CMYK	0.43, 0.20, 0.00, 0.00
HSL	208°, 100%, 78%
HSV	208°, 43%, 100%
XYZ	51.3304, 56.4255, 102.7870
YIQ	192.1730, -51.5350, 3.3530

Conversions

Conversions Part 2

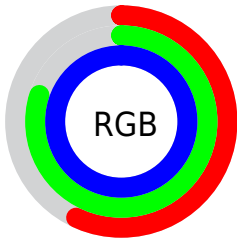
Format	Color
RYB	145, 183, 255
Decimal	9555199
CIELab	79.86, -5.99, -30.93
CIELCh	80, 31.503, 259.032
Yxy	56.4255, 0.2438, 0.2680
Android (android.graphics.Color)	4287745279 (0xFF91CCFF)
YUV	192.1730, 30.9737, -41.3707
Hunter-Lab	75.1169, -9.4785, -28.5483

Details

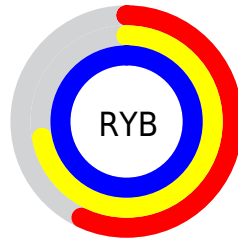
The Yxy color **56.4255, 0.2438, 0.2680** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.8300, 0.4021, 0.3821**, and the grayscale version is **52.6684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **27.9646, 0.2272, 0.2529** is the 20% darker color. If you saturate the color by 10%, you get **48.9503, 0.2285, 0.2507**, and if you desaturate by 10%, it is **64.8524, 0.2598, 0.2843**.

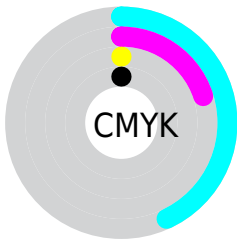
Distribution



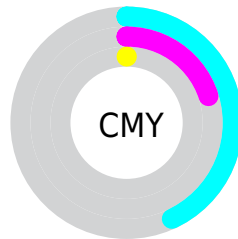
- Red (57%)
- Green (80%)
- Blue (100%)



- 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 56.4255, 0.2438, 0.2680 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 56.4255, 0.2438, 0.2680 by changing the saturation by 10% instead.


 56.4255, 0.2438,
0.2680

 56.4255, 0.2438,
0.2680


411.2931, 0.2762,
0.2972

 40.5442, 0.2364,
0.2612


 99.6264, 0.2551,
0.2783

 27.9631, 0.2272,
0.2527


 127.7148, 0.2595,
0.2822

 18.2978, 0.2156,
0.2419


160.6410, 0.2632,
0.2856

 11.1640, 0.2006,
0.2277

198.7894, 0.2665,
0.2886

 6.1773, 0.1806,
0.2084

242.5445, 0.2694,
0.2911

 2.9532, 0.1529,
0.1811

292.2905, 0.2719,

 1.1073, 0.1135,

0.2934

0.1409

348.4119, 0.2742,
0.2954

0.0000, 0.0000,
0.0000

56.4255, 0.2438,
0.2680

56.4255, 0.2438,
0.2680

48.9503, 0.2285,
0.2507

64.8524, 0.2598,
0.2843

42.3757, 0.2144,
0.2326

74.2655, 0.2761,
0.2994

36.6546, 0.2021,
0.2143

84.7054, 0.2922,
0.3131

31.7310, 0.1918,
0.1960

96.2078, 0.3080,
0.3254

27.5389, 0.1839,
0.1784

99.9996, 0.3127,
0.3290

■ 25.0115, 0.1797,
0.1668

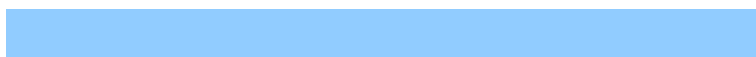
Harmonies

Analogous

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



56.4255, 0.2366, 0.2903



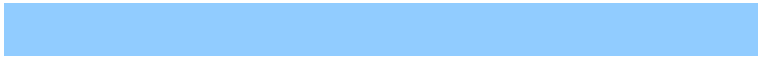
56.4255, 0.2438, 0.2680



56.4255, 0.2683, 0.2623

Triad

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



56.4255, 0.2438, 0.2680



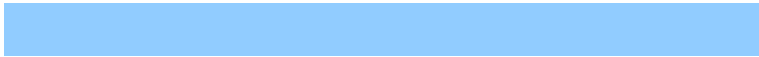
56.4255, 0.3816, 0.3258



56.4255, 0.3151, 0.3960

Complementary

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



56.4255, 0.2438, 0.2680



62.8300, 0.4021, 0.3821

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.



56.4255, 0.3552, 0.4030



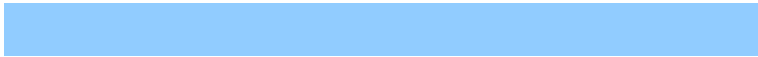
56.4255, 0.2438, 0.2680



56.4255, 0.3953, 0.3593

Square

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



56.4255, 0.2438, 0.2680



56.4255, 0.3480, 0.2948



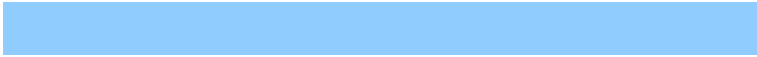
56.4255, 0.3851, 0.3880



56.4255, 0.2760, 0.3667

Rectangle

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



56.4255, 0.2438, 0.2680



56.4255, 0.2924, 0.2673



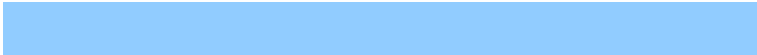
56.4255, 0.3851, 0.3880



56.4255, 0.3289, 0.4011

Sweetspot

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



56.4276, 0.2438, 0.2680



84.8196, 0.2924, 0.3132



81.4637, 0.2823, 0.4017



17.6418, 0.2888, 0.3103



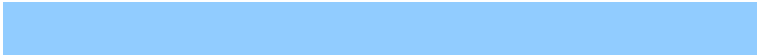
0.0000, 0.0000, 0.0000



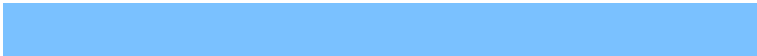
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4276, 0.2438, 0.2680



49.7304, 0.2301, 0.2526



35.2483, 0.2325, 0.2011



18.9901, 0.2979, 0.3177



13.3720, 0.1804, 0.1695



1.5207, 0.1859, 0.1891

Inverse Universe

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



45.8968, 0.3645, 0.2686



39.1483, 0.3803, 0.2570



91.3659, 0.3792, 0.4310



18.1499, 0.3210, 0.3163



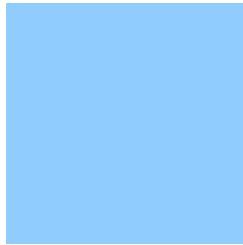
12.0779, 0.4812, 0.2425



1.1981, 0.4578, 0.2296

Previews

White Background



This preview shows how the Yxy color 56.4255, 0.2438, 0.2680 looks on a white background.

Color Contrast Check

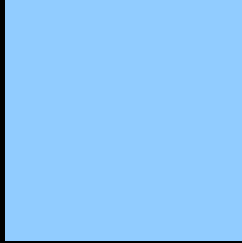
Large Text (above 18pt) WCAG AA × Fail

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 56.4255, 0.2438, 0.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

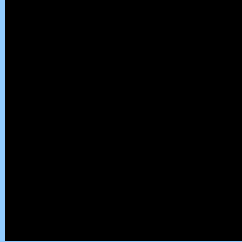
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

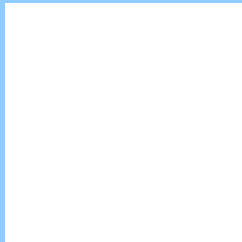
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4255, 0.2438, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 56.4255, 0.2438, 0.2680.



This preview shows how white text looks on a background with the Yxy color 56.4255, 0.2438, 0.2680.

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

56.4255, 0.2438, 0.2680

Protanopia

56.0601, 0.2686, 0.2671

Deuteranopia

56.1179, 0.2656, 0.2599



Tritanopia

56.4103, 0.2551, 0.3072

Trichromacy



Original Color

56.4255, 0.2438, 0.2680

Protanomaly

55.8992, 0.2589, 0.2671

Deuteranomaly

56.1542, 0.2567, 0.2630

Tritanomaly

56.3155, 0.2506, 0.2915

Monochromacy



Original Color

56.4255, 0.2438, 0.2680

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5001, 0.2836, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4255, 0.2438, 0.2680 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 204, 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, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.4255, 0.2438, 0.2680 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, 204, 255) }
```

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

```
.border{ border-color:rgb(145, 204, 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, 204, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4255, 0.2438, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 204, 255) }
```

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

```
.background{ background-color: rgb(145,  
204, 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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