

Converting Colors

$Yxy(60.5247, 0.2275, 0.2374)$

Have a look what the booklet for
Yxy(60.5247, 0.2275, 0.2374)
contains.

Yxy(58.0825, 0.2431, 0.2728)	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(58.0825, 0.2431, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	8ED0FF
RGB	142, 208, 255
RGB Percent	56%, 82%, 100%
CMY	0.4431, 0.1843, 0.0001
CMYK	0.44, 0.18, 0.00, 0.00
HSL	205°, 100%, 78%
HSV	205°, 44%, 100%
XYZ	51.7590, 58.0825, 103.0709
YIQ	193.6240, -54.4230, 0.6250

Conversions

Conversions Part 2

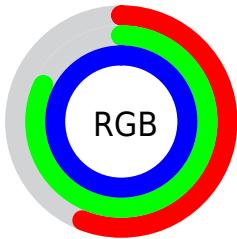
Format	Color
RYB	142, 184, 255
Decimal	9359615
CIELab	80.78, -8.87, -29.51
CIELCh	81, 30.810, 253.270
Yxy	58.0825, 0.2431, 0.2728
Android (android.graphics.Color)	4287549695 (0xFF8ED0FF)
YUV	193.6240, 30.2584, -45.2742
Hunter-Lab	76.2119, -12.1432, -26.8370

Details

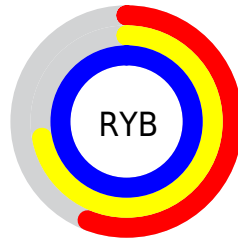
The Yxy color **58.0825, 0.2431, 0.2728** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.5975, 0.4080, 0.3781**, and the grayscale version is **53.5592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **29.0732, 0.2265, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **51.0827, 0.2286, 0.2573**, and if you desaturate by 10%, it is **65.9481, 0.2585, 0.2874**.

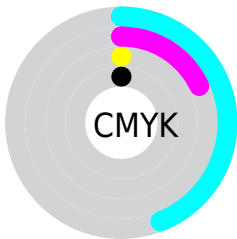
Distribution



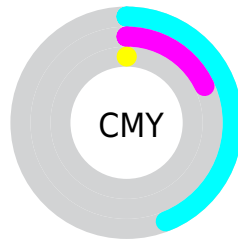
- Red (56%)
- Green (82%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- Blue (100%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0825, 0.2431, 0.2728 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 58.0825, 0.2431, 0.2728 by changing the saturation by 10% instead.


 58.0825, 0.2431,
0.2728

 58.0825, 0.2431,
0.2728


417.4933, 0.2756,
0.2998

 41.8750, 0.2357,
0.2665


 102.0430, 0.2544,
0.2823

 29.0034, 0.2265,
0.2586


 130.5647, 0.2588,
0.2860

 19.0834, 0.2150,
0.2485


163.9600, 0.2626,
0.2891

 11.7306, 0.2002,
0.2353

202.6132, 0.2659,
0.2918

 6.5605, 0.1804,
0.2172

246.9088, 0.2687,
0.2942

 3.1888, 0.1531,
0.1914

297.2310, 0.2713,

 1.2311, 0.1143,

0.2963

0.1529

353.9644, 0.2736,
0.2981

0.0869, 0.0000,
0.0310

0.0000, 0.0000,
0.0000

58.0825, 0.2431,
0.2728

58.0825, 0.2431,
0.2728

51.0827, 0.2286,
0.2573

65.9481, 0.2585,
0.2874

44.8997, 0.2154,
0.2412

74.7117, 0.2744,
0.3010

39.4887, 0.2040,
0.2248

84.4115, 0.2903,
0.3133

34.7960, 0.1947,
0.2085

95.0811, 0.3061,
0.3245

■ 30.7569, 0.1876,
0.1926

99.9986, 0.3127,
0.3290

■ 28.6993, 0.1844,
0.1839

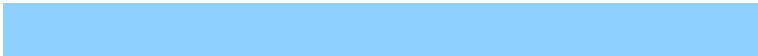
Harmonies

Analogous

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



58.0825, 0.2395, 0.2974



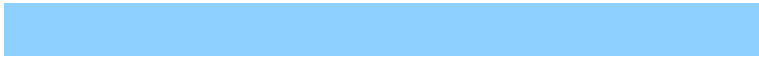
58.0825, 0.2431, 0.2728



58.0825, 0.2639, 0.2640

Triad

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



58.0825, 0.2431, 0.2728



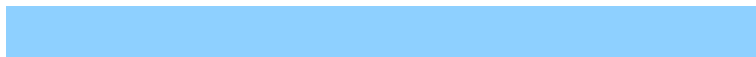
58.0825, 0.3744, 0.3198



58.0825, 0.3228, 0.3969

Complementary

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



58.0825, 0.2431, 0.2728



59.5975, 0.4080, 0.3781

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.



58.0825, 0.3606, 0.3994



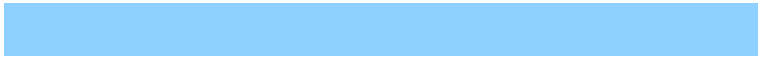
58.0825, 0.2431, 0.2728



58.0825, 0.3919, 0.3524

Square

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



58.0825, 0.2431, 0.2728



58.0825, 0.3393, 0.2908



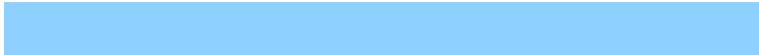
58.0825, 0.3864, 0.3817



58.0825, 0.2839, 0.3722

Rectangle

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



58.0825, 0.2431, 0.2728



58.0825, 0.2859, 0.2670



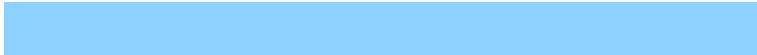
58.0825, 0.3864, 0.3817



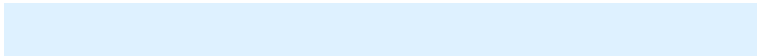
58.0825, 0.3361, 0.4003

Sweetspot

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



58.0847, 0.2431, 0.2728



85.7644, 0.2924, 0.3149



80.8539, 0.2844, 0.4114



17.8752, 0.2889, 0.3123



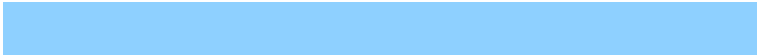
0.0000, 0.0000, 0.0000



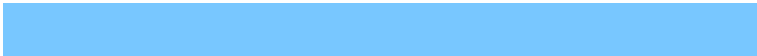
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0847, 0.2431, 0.2728



51.9587, 0.2304, 0.2594



35.8539, 0.2311, 0.2039



19.1411, 0.2979, 0.3189



15.3006, 0.1851, 0.1864



1.7056, 0.1901, 0.2042

Inverse Universe

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



45.1596, 0.3610, 0.2617



38.7713, 0.3749, 0.2496



87.7187, 0.3833, 0.4290



18.1651, 0.3202, 0.3152



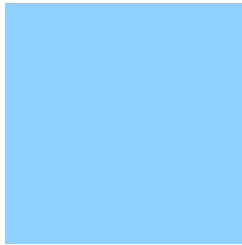
12.2726, 0.4610, 0.2313



1.2167, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 58.0825, 0.2431, 0.2728 looks on a white background.

Color Contrast Check

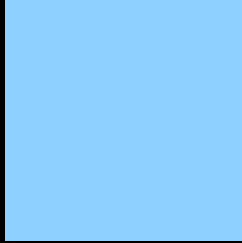
Large Text (above 18pt) WCAG AA × Fail

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 58.0825, 0.2431, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

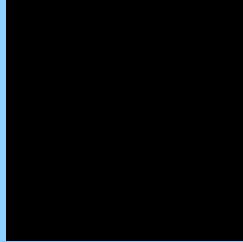
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

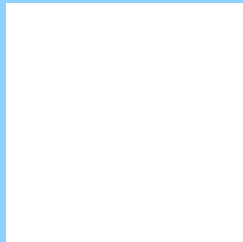
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0825, 0.2431, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 58.0825, 0.2431, 0.2728.



This preview shows how white text looks on a background with the Yxy color 58.0825, 0.2431, 0.2728.

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

58.0825, 0.2431, 0.2728

Protanopia

57.8568, 0.2722, 0.2721

Deuteranopia

57.5187, 0.2685, 0.2628



Tritanopia

57.9510, 0.2526, 0.3061

Trichromacy



Original Color

58.0825, 0.2431, 0.2728

Protanomaly

57.8640, 0.2601, 0.2720

Deuteranomaly

57.2992, 0.2583, 0.2656

Tritanomaly

58.2238, 0.2494, 0.2942

Monochromacy



Original Color

58.0825, 0.2431, 0.2728

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9187, 0.2832, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0825, 0.2431, 0.2728 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(142, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 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(142, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.0825, 0.2431, 0.2728 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(142, 208, 255) }
```

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

```
.border{ border-color:rgb(142, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0825, 0.2431, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 255) }
```

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

```
.background{ background-color: rgb(142,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor