

Converting Colors

Yxy(61.4026, 0.2449, 0.2809)

Have a look what the booklet for
Yxy(61.4026, 0.2449, 0.2809)
contains.

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Color

Yxy(61.6605, 0.2451, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	8FD7FF
RGB	143, 215, 255
RGB Percent	56%, 84%, 100%
CMY	0.4390, 0.1569, 0.0000
CMYK	0.44, 0.16, 0.00, 0.00
HSL	201°, 100%, 78%
HSV	201°, 44%, 100%
XYZ	53.6873, 61.6605, 103.6948
YIQ	198.0320, -55.7520, -2.8240

Conversions

Conversions Part 2

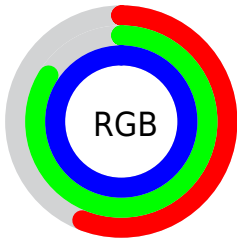
Format	Color
R _Y B	143, 187, 255
Decimal	9426943
CIE Lab	82.73, -12.26, -26.54
CIE LCh	83, 29.236, 245.215
Yxy	61.6605, 0.2451, 0.2815
Android (android.graphics.Color)	4287617023 (0xFF8FD7FF)
YUV	198.0320, 28.0852, -48.2631
Hunter-Lab	78.5242, -15.3761, -23.3282

Details

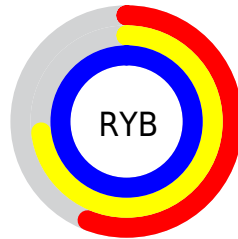
The Yxy color **61.6605, 0.2451, 0.2815** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.1396, 0.4101, 0.3710**, and the grayscale version is **56.3516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **31.1501, 0.2291, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **55.1246, 0.2313, 0.2684**, and if you desaturate by 10%, it is **68.9744, 0.2599, 0.2939**.

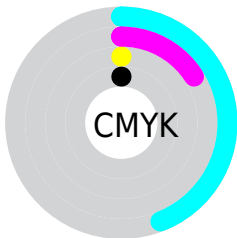
Distribution



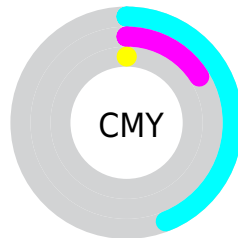
- Red (56%)
- Green (84%)
- Blue (100%)



- Red (56%)
- Yellow (73%)
- Blue (100%)



- Cyan (44%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6605, 0.2451, 0.2815 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 61.6605, 0.2451, 0.2815 by changing the saturation by 10% instead.

 61.6605, 0.2451,
0.2815

 61.6605, 0.2451,
0.2815


430.6916, 0.2764,
0.3043

 44.7584, 0.2380,
0.2761


 107.2347, 0.2559,
0.2896

 31.2672, 0.2293,
0.2694


 136.6756, 0.2601,
0.2927

 20.8024, 0.2184,
0.2608

171.0650, 0.2638,
0.2953

 12.9796, 0.2043,
0.2495

210.7871, 0.2670,
0.2976

 7.4145, 0.1857,
0.2339

256.2265, 0.2697,
0.2996

 3.7227, 0.1599,
0.2115

307.7674, 0.2722,

 1.5197, 0.1233,

0.3014

0.1773

365.7943, 0.2744,
0.3029

0.3025, 0.0000,
0.0984

0.0000, 0.0000,
0.0000

61.6605, 0.2451,
0.2815

61.6605, 0.2451,
0.2815

55.1246, 0.2313,
0.2684

68.9744, 0.2599,
0.2939

49.3239, 0.2189,
0.2548

77.0993, 0.2754,
0.3054

44.2150, 0.2083,
0.2408

86.0697, 0.2911,
0.3160

39.7474, 0.1998,
0.2269

95.9171, 0.3067,
0.3255

■ 35.8598, 0.1934,
0.2132

100.0000, 0.3127,
0.3290

■ 33.7216, 0.1903,
0.2050

Harmonies

Analogous

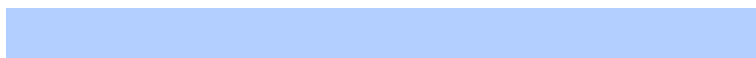
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.6605, 0.2463, 0.3082



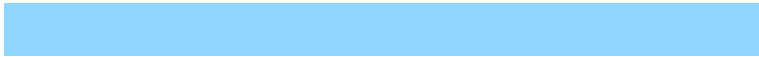
61.6605, 0.2451, 0.2815



61.6605, 0.2605, 0.2690

Triad

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



61.6605, 0.2451, 0.2815



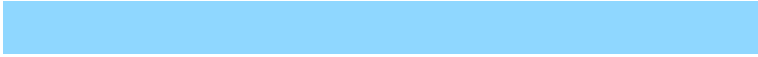
61.6605, 0.3625, 0.3127



61.6605, 0.3323, 0.3947

Complementary

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



61.6605, 0.2451, 0.2815



57.1396, 0.4101, 0.3710

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.



61.6605, 0.3654, 0.3917



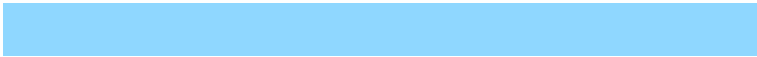
61.6605, 0.2451, 0.2815



61.6605, 0.3840, 0.3429

Square

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



61.6605, 0.2451, 0.2815



61.6605, 0.3274, 0.2873



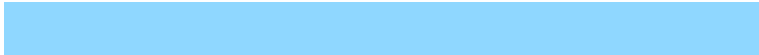
61.6605, 0.3848, 0.3718



61.6605, 0.2952, 0.3768

Rectangle

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



61.6605, 0.2451, 0.2815



61.6605, 0.2789, 0.2691



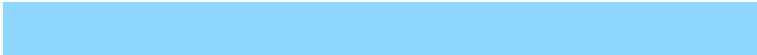
61.6605, 0.3848, 0.3718



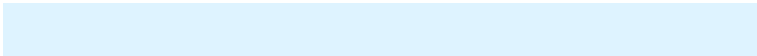
61.6605, 0.3443, 0.3960

Sweetspot

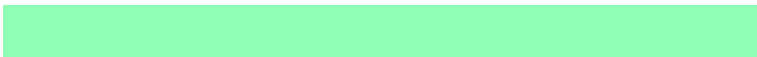
The Sweet Spot groups the original color and five complimentary colors.



61.6616, 0.2451, 0.2815



86.9182, 0.2925, 0.3169



80.7522, 0.2874, 0.4176



18.1606, 0.2890, 0.3146



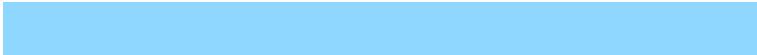
0.0000, 0.0000, 0.0000



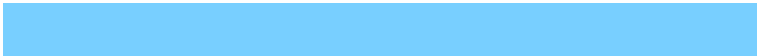
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6616, 0.2451, 0.2815



55.6812, 0.2325, 0.2696



38.1546, 0.2332, 0.2121



19.3251, 0.2980, 0.3203



17.9129, 0.1909, 0.2072



1.9508, 0.1952, 0.2227

Inverse Universe

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



45.8285, 0.3539, 0.2561



39.1471, 0.3661, 0.2423



84.5157, 0.3849, 0.4234



18.1837, 0.3193, 0.3138



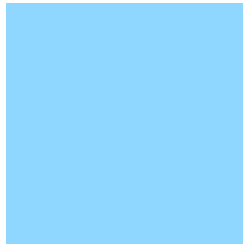
12.5363, 0.4372, 0.2182



1.2415, 0.4204, 0.2089

Previews

White Background



This preview shows how the Yxy color 61.6605, 0.2451, 0.2815 looks on a white background.

Color Contrast Check

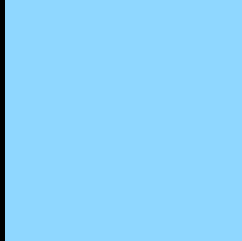
Large Text (above 18pt) WCAG AA × Fail

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 61.6605, 0.2451, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

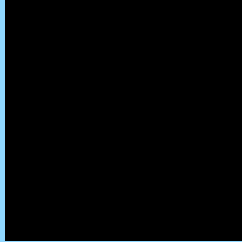
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

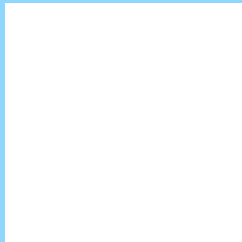
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6605, 0.2451, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 61.6605, 0.2451, 0.2815.



This preview shows how white text looks on a background with the Yxy color 61.6605, 0.2451, 0.2815.

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

61.6605, 0.2451, 0.2815

Protanopia

61.1630, 0.2786, 0.2797

Deuteranopia

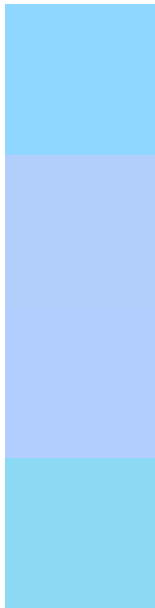
60.9991, 0.2749, 0.2695



Tritanopia

61.6022, 0.2524, 0.3067

Trichromacy



Original Color

61.6605, 0.2451, 0.2815

Protanomaly

60.8749, 0.2650, 0.2796

Deuteranomaly

60.8276, 0.2627, 0.2733

Tritanomaly

61.6722, 0.2497, 0.2973

Monochromacy



Original Color

61.6605, 0.2451, 0.2815

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7652, 0.2837, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6605, 0.2451, 0.2815 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 215, 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(143, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6605, 0.2451, 0.2815 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, 215, 255) }
```

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

```
.border{ border-color:rgb(143, 215, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 215, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6605, 0.2451, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 215, 255) }
```

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

```
.background{ background-color: rgb(143,  
215, 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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