

Converting Colors

$Yxy(61.0739, 0.2319, 0.2846)$

Have a look what the booklet for
Yxy(61.0739, 0.2319, 0.2846)
contains.

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Color

Yxy(61.1980, 0.2319, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	6EDBFF
RGB	110, 219, 255
RGB Percent	43%, 86%, 100%
CMY	0.5685, 0.1412, 0.0000
CMYK	0.57, 0.14, 0.00, 0.00
HSL	195°, 100%, 72%
HSV	195°, 57%, 100%
XYZ	49.8133, 61.1980, 103.7939
YIQ	190.5130, -76.5200, -11.9120

Conversions

Conversions Part 2

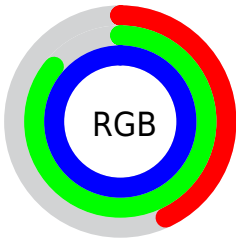
Format	Color
R_{YB}	110, 172, 255
Decimal	7265279
CIE _{Lab}	82.49, -21.38, -27.03
CIE _{LCh}	82, 34.465, 231.659
Yxy	61.1980, 0.2319, 0.2849
Android (android.graphics.Color)	4285455359 (0xFF6EDBFF)
YUV	190.5130, 31.7921, -70.6099
Hunter-Lab	78.2292, -23.2391, -23.9051

Details

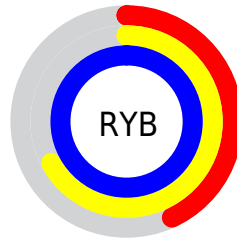
The Yxy color **61.1980, 0.2319, 0.2849** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **42.9511, 0.4626, 0.3656**, and the grayscale version is **51.6542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3979, 0.2657, 0.3289**, and **31.0032, 0.2135, 0.2736** is the 20% darker color. If you saturate the color by 10%, you get **56.5515, 0.2216, 0.2757**, and if you desaturate by 10%, it is **66.4452, 0.2439, 0.2939**.

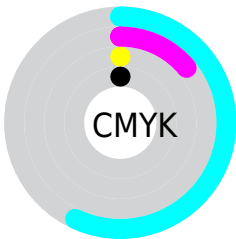
Distribution



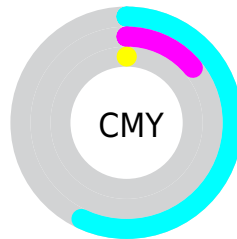
- Red (43%)
- Green (86%)
- Blue (100%)



- Red (43%)
- Yellow (67%)
- Blue (100%)



- Cyan (57%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1980, 0.2319, 0.2849 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 61.1980, 0.2319, 0.2849 by changing the saturation by 10% instead.


 61.1980, 0.2319,
0.2849


 61.1980, 0.2319,
0.2849


428.9996, 0.2690,
0.3066


 44.3850, 0.2236,
0.2797


 106.5656, 0.2447,
0.2927

 30.9733, 0.2134,
0.2731


 135.8889, 0.2497,
0.2956

 20.5785, 0.2007,
0.2646


 170.1512, 0.2540,
0.2981

 12.8163, 0.1845,
0.2532


209.7367, 0.2578,
0.3003

 7.3021, 0.1633,
0.2375

255.0299, 0.2611,
0.3022

 3.6518, 0.1347,
0.2144

306.4152, 0.2640,

 1.4807, 0.0956,

0.3039

0.1788

364.2770, 0.2667,
0.3053

0.2751, 0.0000,
0.0900

0.0000, 0.0000,
0.0000

61.1980, 0.2319,
0.2849

61.1980, 0.2319,
0.2849

56.5515, 0.2216,
0.2757

66.4452, 0.2439,
0.2939

52.4559, 0.2133,
0.2663

72.3244, 0.2572,
0.3024

48.8633, 0.2069,
0.2569

78.8721, 0.2716,
0.3104

45.7103, 0.2025,
0.2477

86.1200, 0.2867,
0.3179

■ 44.7795, 0.2013,
0.2448

■ 94.0973, 0.3021,
0.3247

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



61.1980, 0.2420, 0.3222



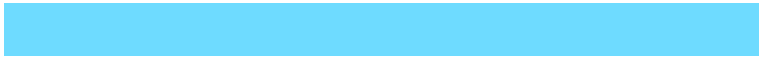
61.1980, 0.2319, 0.2849



61.1980, 0.2412, 0.2630

Triad

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



61.1980, 0.2319, 0.2849



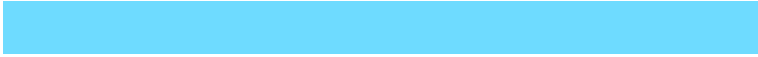
61.1980, 0.3539, 0.2953



61.1980, 0.3542, 0.4083

Complementary

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



61.1980, 0.2319, 0.2849



42.9511, 0.4626, 0.3656

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.



61.1980, 0.3875, 0.3937



61.1980, 0.2319, 0.2849



61.1980, 0.3884, 0.3285

Square

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



61.1980, 0.2319, 0.2849



61.1980, 0.3093, 0.2704



61.1980, 0.4007, 0.3638



61.1980, 0.3112, 0.3988

Rectangle

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



61.1980, 0.2319, 0.2849



61.1980, 0.2576, 0.2581



61.1980, 0.4007, 0.3638



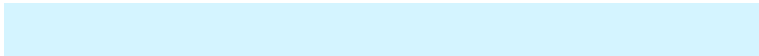
61.1980, 0.3670, 0.4058

Sweetspot

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



61.2002, 0.2319, 0.2849



86.0085, 0.2864, 0.3178



76.8456, 0.2901, 0.4722



18.0858, 0.2834, 0.3163



0.0000, 0.0000, 0.0000



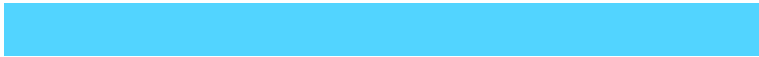
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2002, 0.2319, 0.2849



56.0546, 0.2206, 0.2746



31.9316, 0.2119, 0.1923



19.6725, 0.2980, 0.3230



23.6468, 0.2018, 0.2463



2.4747, 0.2047, 0.2569

Inverse Universe

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



37.5316, 0.3542, 0.2231



31.9850, 0.3654, 0.2083



71.6723, 0.4155, 0.4335



18.2187, 0.3176, 0.3113



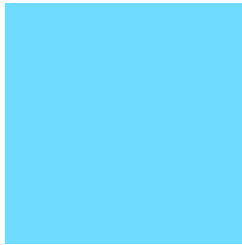
13.1151, 0.3959, 0.1955



1.2944, 0.3854, 0.1897

Previews

White Background



This preview shows how the Yxy color 61.1980, 0.2319, 0.2849 looks on a white background.

Color Contrast Check

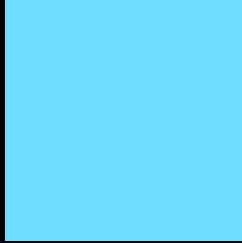
Large Text (above 18pt) WCAG AA × Fail

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 61.1980, 0.2319, 0.2849 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 61.1980, 0.2319, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 61.1980, 0.2319, 0.2849.

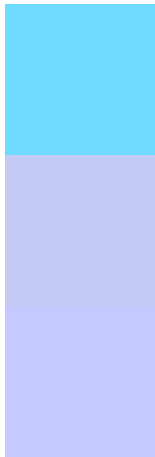


This preview shows how white text looks on a background with the Yxy color 61.1980, 0.2319, 0.2849.

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

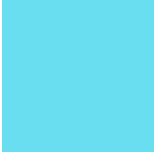
61.1980, 0.2319, 0.2849

Protanopia

60.3142, 0.2802, 0.2826

Deuteranopia

60.7291, 0.2736, 0.2693



Tritanopia

61.4769, 0.2368, 0.3061

Trichromacy



Original Color

61.1980, 0.2319, 0.2849



Protanomaly

59.7197, 0.2590, 0.2830



Deuteranomaly

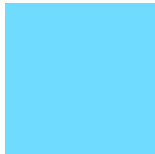
60.3311, 0.2554, 0.2745



Tritanomaly

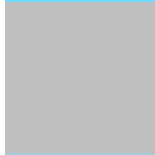
61.3696, 0.2351, 0.2989

Monochromacy



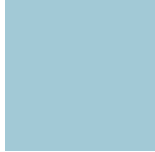
Original Color

61.1980, 0.2319, 0.2849



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.3097, 0.2757, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1980, 0.2319, 0.2849 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(110, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 219, 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(110, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.1980, 0.2319, 0.2849 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(110, 219, 255) }
```

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

```
.border{ border-color:rgb(110, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1980, 0.2319, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 219, 255) }
```

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

```
.background{ background-color: rgb(110,  
219, 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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