

Converting Colors

$Yxy(61.1681, 0.2318, 0.2906)$

Have a look what the booklet for
Yxy(61.1681, 0.2318, 0.2906)
contains.

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Color

Yxy(61.0945, 0.2316, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	68DCFB
RGB	104, 220, 251
RGB Percent	41%, 86%, 98%
CMY	0.5926, 0.1372, 0.0156
CMYK	0.59, 0.12, 0.00, 0.02
HSL	193°, 95%, 70%
HSV	193°, 59%, 98%
XYZ	48.7074, 61.0945, 100.5062
YIQ	188.8500, -79.0870, -14.9510

Conversions

Conversions Part 2

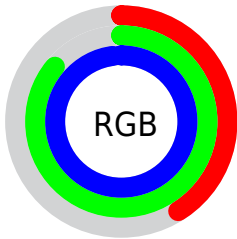
Format	Color
RYB	104, 169, 251
Decimal	6872315
CIELab	82.43, -24.15, -25.03
CIELCh	82, 34.777, 226.026
Yxy	61.0945, 0.2316, 0.2905
Android (android.graphics.Color)	4285062395 (0xFF68DCFB)
YUV	188.8500, 30.6400, -74.4134
Hunter-Lab	78.1630, -25.5527, -21.5243

Details

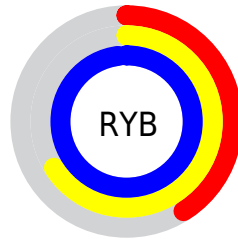
The Yxy color **61.0945, 0.2316, 0.2905** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **38.8106, 0.4733, 0.3606**, and the grayscale version is **50.6414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8470, 0.2633, 0.3289**, and **30.9759, 0.2133, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **57.0800, 0.2222, 0.2828**, and if you desaturate by 10%, it is **65.6481, 0.2428, 0.2980**.

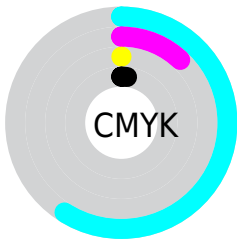
Distribution



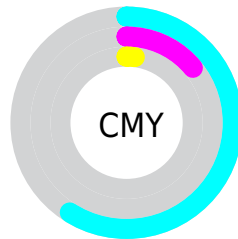
- Red (41%)
- Green (86%)
- Blue (98%)



- Red (41%)
- Yellow (66%)
- Blue (98%)



- Cyan (59%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)




- Cyan (59%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0945, 0.2316, 0.2905 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 61.0945, 0.2316, 0.2905 by changing the saturation by 10% instead.


 61.0945, 0.2316,
0.2905

 61.0945, 0.2316,
0.2905


428.6204, 0.2689,
0.3097

 44.3014, 0.2232,
0.2858

 106.4158, 0.2444,
0.2974

 30.9076, 0.2130,
0.2799


 135.7127, 0.2495,
0.3001

 20.5285, 0.2002,
0.2721


 169.9465, 0.2538,
0.3023

 12.7798, 0.1838,
0.2617

209.5014, 0.2576,
0.3042

 7.2771, 0.1624,
0.2470

254.7618, 0.2609,
0.3059

 3.6360, 0.1334,
0.2252

306.1122, 0.2639,

 1.4721, 0.0931,

0.3073

0.1908

363.9369, 0.2665,
0.3086

■ 0.2690, 0.0000,
0.0973

■ 0.0000, 0.0000,
0.0000

■ 61.0945, 0.2316,
0.2905

■ 61.0945, 0.2316,
0.2905

■ 57.0800, 0.2222,
0.2828

■ 65.6481, 0.2428,
0.2980

■ 53.5561, 0.2147,
0.2749

■ 70.7709, 0.2555,
0.3053

■ 50.4756, 0.2092,
0.2671

■ 76.4981, 0.2694,
0.3121

■ 47.7683, 0.2056,
0.2594

■ 82.8602, 0.2841,
0.3185

■ 47.4085, 0.2051,
0.2584

■ 89.8852, 0.2994,
0.3244

■ 97.5994, 0.3149,
0.3297

■ 99.7462, 0.3150,
0.3328

Harmonies

Analogous

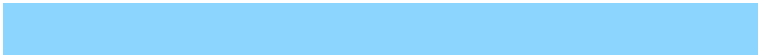
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0945, 0.2454, 0.3303



61.0945, 0.2316, 0.2905



61.0945, 0.2374, 0.2652

Triad

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



61.0945, 0.2316, 0.2905



61.0945, 0.3462, 0.2895



61.0945, 0.3620, 0.4080

Complementary

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



61.0945, 0.2316, 0.2905



38.8106, 0.4733, 0.3606

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.



61.0945, 0.3926, 0.3894



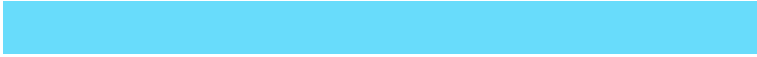
61.0945, 0.2316, 0.2905



61.0945, 0.3840, 0.3218

Square

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



61.0945, 0.2316, 0.2905



61.0945, 0.3009, 0.2665



61.0945, 0.4012, 0.3575



61.0945, 0.3195, 0.4034

Rectangle

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



61.0945, 0.2316, 0.2905



61.0945, 0.2517, 0.2581



61.0945, 0.4012, 0.3575



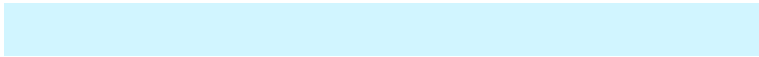
61.0945, 0.3741, 0.4039

Sweetspot

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



61.0968, 0.2316, 0.2905



86.2927, 0.2850, 0.3189



73.6452, 0.2919, 0.4836



18.0417, 0.2806, 0.3171



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.



61.0968, 0.2316, 0.2905



58.6002, 0.2210, 0.2816



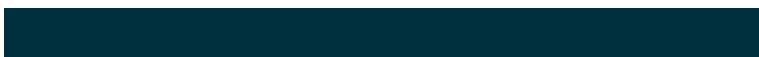
31.0934, 0.2103, 0.1940



18.9510, 0.2980, 0.3239



25.1348, 0.2055, 0.2597



2.4778, 0.2080, 0.2689

Inverse Universe

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



35.5606, 0.3499, 0.2158



31.5277, 0.3595, 0.2008



66.0786, 0.4218, 0.4317



17.4582, 0.3170, 0.3105



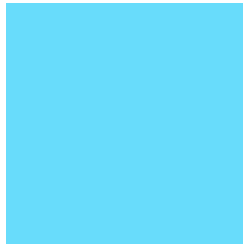
12.9483, 0.3827, 0.1882



1.2144, 0.3739, 0.1833

Previews

White Background



This preview shows how the Yxy color 61.0945, 0.2316, 0.2905 looks on a white background.

Color Contrast Check

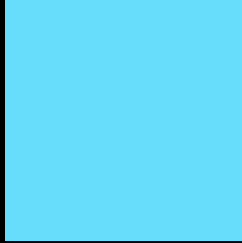
Large Text (above 18pt) WCAG AA × Fail

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 61.0945, 0.2316, 0.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

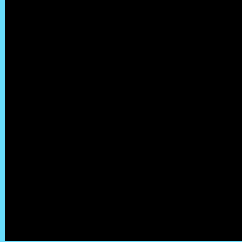
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0945, 0.2316, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 61.0945, 0.2316, 0.2905.



This preview shows how white text looks on a background with the Yxy color 61.0945, 0.2316, 0.2905.

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

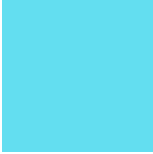
61.0945, 0.2316, 0.2905

Protanopia

60.3434, 0.2841, 0.2870

Deuteranopia

60.3989, 0.2742, 0.2683



Tritanopia

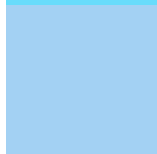
61.1865, 0.2350, 0.3060

Trichromacy



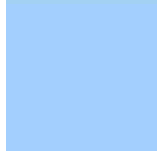
Original Color

61.0945, 0.2316, 0.2905



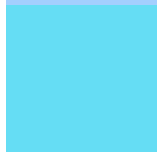
Protanomaly

59.8585, 0.2607, 0.2886



Deuteranomaly

59.5679, 0.2546, 0.2742



Tritanomaly

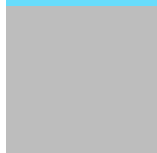
61.0113, 0.2338, 0.2999

Monochromacy



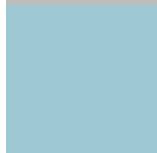
Original Color

61.0945, 0.2316, 0.2905



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.3311, 0.2742, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0945, 0.2316, 0.2905 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(104, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(104, 220, 251)  
}
```

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(104, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 220, 251) }
```

Border

The CSS property to change the border of an element to Yxy 61.0945, 0.2316, 0.2905 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(104, 220, 251) }
```

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

```
.border{ border-color:rgb(104, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 220, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 220, 251); box-shadow:4px 4px 4px 4px rgb(104, 220, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0945, 0.2316, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 220, 251) }
```

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

```
.background{ background-color: rgb(104,  
220, 251) }
```

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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