

Converting Colors

$Yxy(61.3190, 0.2336, 0.2846)$

Have a look what the booklet for
Yxy(61.3190, 0.2336, 0.2846)
contains.

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Color

Yxy(61.5279, 0.2338, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	73DBFF
RGB	115, 219, 255
RGB Percent	45%, 86%, 100%
CMY	0.5488, 0.1412, 0.0000
CMYK	0.55, 0.14, 0.00, 0.00
HSL	195°, 100%, 73%
HSV	195°, 55%, 100%
XYZ	50.4568, 61.5279, 103.8270
YIQ	192.0080, -73.5400, -10.8520

Conversions

Conversions Part 2

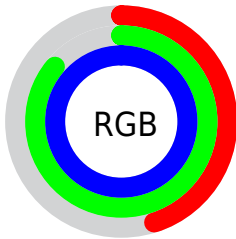
Format	Color
R_{YB}	115, 175, 255
Decimal	7592959
CIE _{Lab}	82.66, -20.41, -26.75
CIE _{LCh}	83, 33.648, 232.651
Yxy	61.5279, 0.2338, 0.2851
Android (android.graphics.Color)	4285783039 (0xFF73DBFF)
YUV	192.0080, 31.0551, -67.5360
Hunter-Lab	78.4397, -22.4485, -23.5716

Details

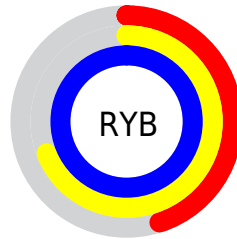
The Yxy color **61.5279, 0.2338, 0.2851** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.6507, 0.4542, 0.3660**, and the grayscale version is **52.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **31.2090, 0.2158, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **56.6769, 0.2230, 0.2756**, and if you desaturate by 10%, it is **66.9959, 0.2462, 0.2943**.

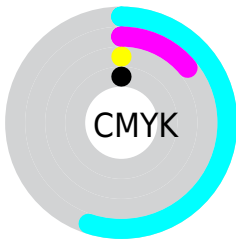
Distribution



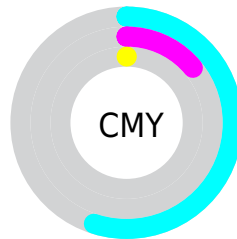
- Red (45%)
- Green (86%)
- Blue (100%)



- Red (45%)
- Yellow (69%)
- Blue (100%)



- Cyan (55%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5279, 0.2338, 0.2851 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 61.5279, 0.2338, 0.2851 by changing the saturation by 10% instead.

 61.5279, 0.2338,
0.2851


 61.5279, 0.2338,
0.2851

430.2069, 0.2701,
0.3067


 44.6513, 0.2257,
0.2799


 107.0429, 0.2463,
0.2928

 31.1829, 0.2157,
0.2734


 136.4502, 0.2512,
0.2957

 20.7382, 0.2033,
0.2650


 170.8031, 0.2554,
0.2982

 12.9327, 0.1874,
0.2538

210.4861, 0.2591,
0.3004

 7.3822, 0.1666,
0.2383

255.8836, 0.2623,
0.3023

 3.7023, 0.1385,
0.2156

307.3800, 0.2652,

 1.5085, 0.0998,

0.3039

0.1805

365.3596, 0.2678,
0.3054

0.2947, 0.0000,
0.0957

0.0000, 0.0000,
0.0000

61.5279, 0.2338,
0.2851

61.5279, 0.2338,
0.2851

56.6769, 0.2230,
0.2756

66.9959, 0.2462,
0.2943

52.3949, 0.2142,
0.2658

73.1122, 0.2598,
0.3031

48.6352, 0.2073,
0.2561

79.9127, 0.2745,
0.3113

45.3381, 0.2024,
0.2464

87.4288, 0.2897,
0.3189

■ 43.7865, 0.2004,
0.2416

■ 95.6895, 0.3051,
0.3259

100.0000, 0.3127,
0.3290

Harmonies

Analogous

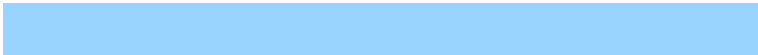
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.5279, 0.2431, 0.3211



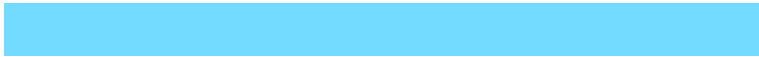
61.5279, 0.2338, 0.2851



61.5279, 0.2435, 0.2642

Triad

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



61.5279, 0.2338, 0.2851



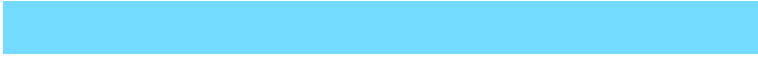
61.5279, 0.3542, 0.2971



61.5279, 0.3520, 0.4063

Complementary

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



61.5279, 0.2338, 0.2851



44.6507, 0.4542, 0.3660

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.



61.5279, 0.3849, 0.3929



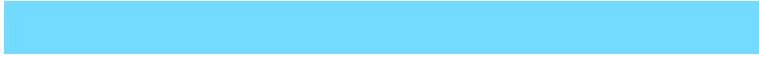
61.5279, 0.2338, 0.2851



61.5279, 0.3872, 0.3297

Square

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



61.5279, 0.2338, 0.2851



61.5279, 0.3109, 0.2724



61.5279, 0.3984, 0.3642



61.5279, 0.3099, 0.3962

Rectangle

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



61.5279, 0.2338, 0.2851



61.5279, 0.2600, 0.2598



61.5279, 0.3984, 0.3642



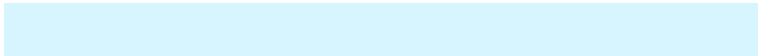
61.5279, 0.3645, 0.4042

Sweetspot

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



61.5299, 0.2338, 0.2851



86.5511, 0.2879, 0.3181



77.3718, 0.2895, 0.4634



18.1851, 0.2848, 0.3166



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.



61.5299, 0.2338, 0.2851



56.1701, 0.2220, 0.2745



32.6941, 0.2148, 0.1949



19.6438, 0.2980, 0.3227



23.1329, 0.2009, 0.2432



2.4284, 0.2039, 0.2541

Inverse Universe

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



38.6481, 0.3537, 0.2272



32.7664, 0.3651, 0.2118



73.6925, 0.4104, 0.4325



18.2158, 0.3178, 0.3115



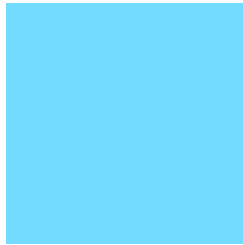
13.0632, 0.3991, 0.1972



1.2897, 0.3882, 0.1912

Previews

White Background



This preview shows how the Yxy color 61.5279, 0.2338, 0.2851 looks on a white background.

Color Contrast Check

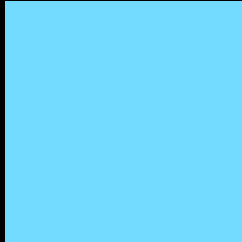
Large Text (above 18pt) WCAG AA × Fail

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 61.5279, 0.2338, 0.2851 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 61.5279, 0.2338, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 61.5279, 0.2338, 0.2851.

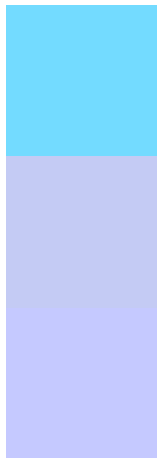


This preview shows how white text looks on a background with the Yxy color 61.5279, 0.2338, 0.2851.

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

61.5279, 0.2338, 0.2851

Protanopia

60.9793, 0.2804, 0.2828

Deuteranopia

60.8636, 0.2743, 0.2694



Tritanopia

61.7850, 0.2387, 0.3062

Trichromacy



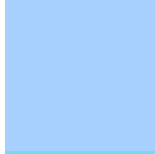
Original Color

61.5279, 0.2338, 0.2851



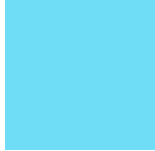
Protanomaly

60.5937, 0.2604, 0.2834



Deuteranomaly

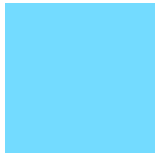
60.5472, 0.2565, 0.2747



Tritanomaly

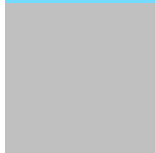
61.6850, 0.2370, 0.2990

Monochromacy



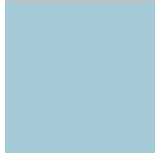
Original Color

61.5279, 0.2338, 0.2851



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.0399, 0.2766, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5279, 0.2338, 0.2851 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(115, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.5279, 0.2338, 0.2851 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(115, 219, 255) }
```

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

```
.border{ border-color:rgb(115, 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(115, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5279, 0.2338, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 219, 255) }
```

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

```
.background{ background-color: rgb(115,  
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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