

Converting Colors

$Yxy(60.7794, 0.2465, 0.3023)$

Have a look what the booklet for
Yxy(60.7794, 0.2465, 0.3023)
contains.

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Color

Yxy(61.0419, 0.2466, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	81DAEF
RGB	129, 218, 239
RGB Percent	51%, 85%, 94%
CMY	0.4939, 0.1451, 0.0627
CMYK	0.46, 0.09, 0.00, 0.06
HSL	191°, 77%, 72%
HSV	191°, 46%, 94%
XYZ	49.7125, 61.0419, 90.8371
YIQ	193.7830, -59.7850, -12.3370

Conversions

Conversions Part 2

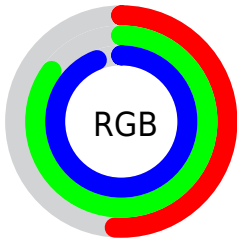
Format	Color
RYB	129, 178, 239
Decimal	8510191
CIELab	82.40, -21.29, -18.62
CIElCh	82, 28.285, 221.171
Yxy	61.0419, 0.2466, 0.3028
Android (android.graphics.Color)	4286700271 (0xFF81DAEF)
YUV	193.7830, 22.2920, -56.8147
Hunter-Lab	78.1293, -23.1496, -14.2431

Details

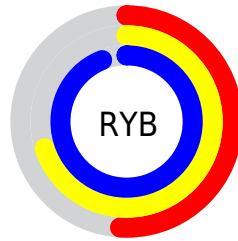
The Yxy color **61.0419, 0.2466, 0.3028** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.7790, 0.4262, 0.3527**, and the grayscale version is **53.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **30.9154, 0.2311, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **57.0477, 0.2353, 0.2961**, and if you desaturate by 10%, it is **65.5439, 0.2594, 0.3092**.

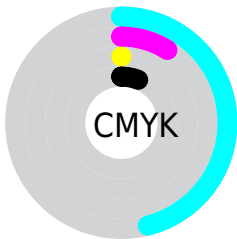
Distribution



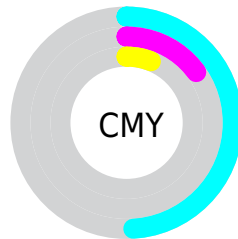
- Red (51%)
- Green (85%)
- Blue (94%)



- Red (51%)
- Yellow (70%)
- Blue (94%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)





- Cyan (49%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0419, 0.2466, 0.3028 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 61.0419, 0.2466, 0.3028 by changing the saturation by 10% instead.


 61.0419, 0.2466,
0.3028

 61.0419, 0.2466,
0.3028


428.4276, 0.2773,
0.3160

 44.2590, 0.2396,
0.2995


 106.3396, 0.2573,
0.3076

 30.8742, 0.2310,
0.2954


 135.6232, 0.2614,
0.3094

 20.5030, 0.2201,
0.2899


 169.8424, 0.2650,
0.3109

 12.7612, 0.2059,
0.2824

209.3817, 0.2681,
0.3122

 7.2643, 0.1870,
0.2717

254.6255, 0.2708,
0.3133

 3.6280, 0.1605,
0.2552

305.9582, 0.2732,

 1.4677, 0.1216,

0.3143

0.2274

363.7641, 0.2754,
0.3152

0.2658, 0.0000,
0.1327

0.0000, 0.0000,
0.0000

61.0419, 0.2466,
0.3028

61.0419, 0.2466,
0.3028

57.0477, 0.2353,
0.2961

65.5439, 0.2594,
0.3092

53.5228, 0.2256,
0.2892


70.5753, 0.2734,
0.3153


50.4340, 0.2179,
0.2822


76.1644, 0.2881,
0.3209


47.7399, 0.2122,
0.2752

82.3355, 0.3034,
0.3261

 45.3892, 0.2083,
0.2682


 89.1115, 0.3189,
0.3308

 44.5139, 0.2071,
0.2655

 93.0489, 0.3228,
0.3352

 95.8547, 0.3224,
0.3396

 98.7292, 0.3221,
0.3440

 99.0131, 0.3220,
0.3444

Harmonies

Analogous

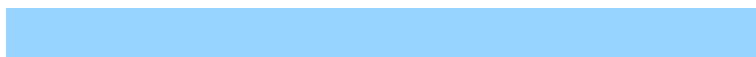
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0419, 0.2609, 0.3363



61.0419, 0.2466, 0.3028



61.0419, 0.2487, 0.2793

Triad

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



61.0419, 0.2466, 0.3028



61.0419, 0.3343, 0.2927



61.0419, 0.3583, 0.3920

Complementary

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



61.0419, 0.2466, 0.3028



41.7790, 0.4262, 0.3527

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.



61.0419, 0.3804, 0.3754



61.0419, 0.2466, 0.3028



61.0419, 0.3665, 0.3189

Square

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



61.0419, 0.2466, 0.3028



61.0419, 0.2976, 0.2752



61.0419, 0.3837, 0.3485



61.0419, 0.3246, 0.3908

Rectangle

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



61.0419, 0.2466, 0.3028



61.0419, 0.2591, 0.2715



61.0419, 0.3837, 0.3485



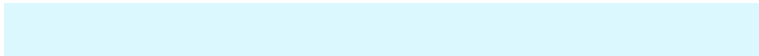
61.0419, 0.3674, 0.3881

Sweetspot

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



61.0442, 0.2466, 0.3028



89.5686, 0.2911, 0.3220



68.5925, 0.2959, 0.4473



18.8532, 0.2878, 0.3208



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.



61.0442, 0.2466, 0.3028



66.4360, 0.2361, 0.2966



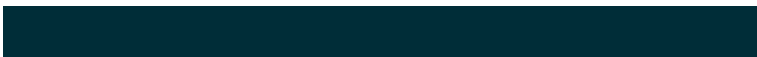
37.4117, 0.2336, 0.2306



17.3852, 0.2981, 0.3244



24.7795, 0.2074, 0.2666



2.1919, 0.2099, 0.2757

Inverse Universe

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



39.1309, 0.3377, 0.2355



39.0762, 0.3442, 0.2192



63.2201, 0.3970, 0.4100



15.9766, 0.3167, 0.3101



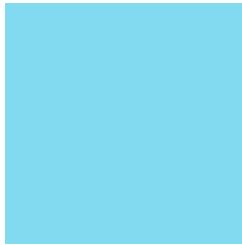
12.2949, 0.3761, 0.1845



1.0360, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 61.0419, 0.2466, 0.3028 looks on a white background.

Color Contrast Check

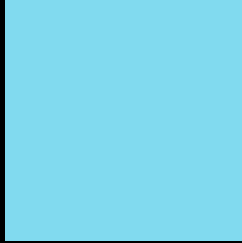
Large Text (above 18pt) WCAG AA × Fail

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 61.0419, 0.2466, 0.3028 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 61.0419, 0.2466, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 61.0419, 0.2466, 0.3028.

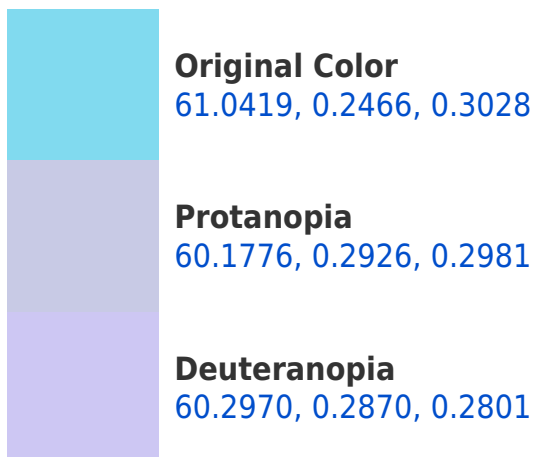


This preview shows how white text looks on a background with the Yxy color 61.0419, 0.2466, 0.3028.

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





Tritanopia

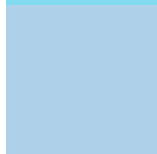
60.7881, 0.2475, 0.3064

Trichromacy



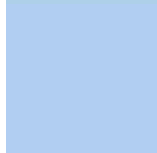
Original Color

61.0419, 0.2466, 0.3028



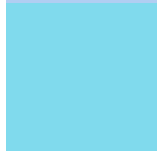
Protanomaly

59.9936, 0.2729, 0.2992



Deuteranomaly

59.9005, 0.2694, 0.2870



Tritanomaly

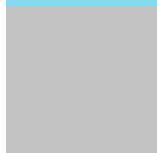
60.8464, 0.2471, 0.3052

Monochromacy



Original Color

61.0419, 0.2466, 0.3028



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.9111, 0.2838, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0419, 0.2466, 0.3028 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(129, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(129, 218, 239)  
}
```

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(129, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 218, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.0419, 0.2466, 0.3028 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(129, 218, 239) }
```

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

```
.border{ border-color:rgb(129, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 218, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 218, 239); box-shadow:4px 4px 4px 4px rgb(129, 218, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0419, 0.2466, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 218, 239) }
```

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

```
.background{ background-color: rgb(129,  
218, 239) }
```

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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