

Converting Colors

$Y_{xy}(60.9225, 0.2471, 0.3025)$

Have a look what the booklet for
Yxy(60.9225, 0.2471, 0.3025)
contains.

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Color

Yxy(61.1206, 0.2471, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	82DAEF
RGB	130, 218, 239
RGB Percent	51%, 85%, 94%
CMY	0.4899, 0.1451, 0.0629
CMYK	0.46, 0.09, 0.00, 0.06
HSL	192°, 77%, 72%
HSV	192°, 46%, 94%
XYZ	49.8610, 61.1206, 90.8031
YIQ	194.0820, -59.1890, -12.1250

Conversions

Conversions Part 2

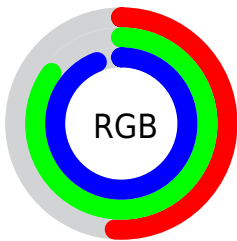
Format	Color
RYB	130, 179, 239
Decimal	8575727
CIELab	82.44, -21.07, -18.52
CIELCh	82, 28.057, 221.316
Yxy	61.1206, 0.2471, 0.3029
Android (android.graphics.Color)	4286765807 (0xFF82DAEF)
YUV	194.0820, 22.1446, -56.1999
Hunter-Lab	78.1797, -22.9716, -14.1376

Details

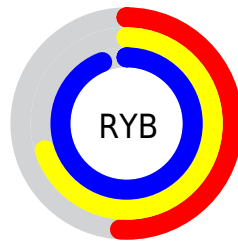
The Yxy color **61.1206, 0.2471, 0.3029** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.1056, 0.4246, 0.3526**, and the grayscale version is **53.9024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4314, 0.2742, 0.3289**, and **30.9529, 0.2316, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **57.0927, 0.2357, 0.2961**, and if you desaturate by 10%, it is **65.6583, 0.2600, 0.3094**.

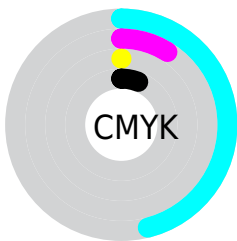
Distribution



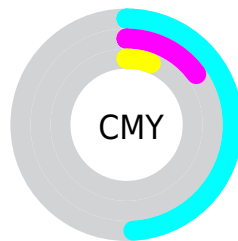
- Red (51%)
- Green (85%)
- Blue (94%)



- 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 61.1206, 0.2471, 0.3029 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 61.1206, 0.2471, 0.3029 by changing the saturation by 10% instead.

61.1206, 0.2471,
0.3029

61.1206, 0.2471,
0.3029

428.7161, 0.2776,
0.3160

44.3225, 0.2401,
0.2997

106.4535, 0.2577,
0.3077

30.9241, 0.2316,
0.2955

135.7572, 0.2618,
0.3094

20.5411, 0.2208,
0.2901

169.9981, 0.2653,
0.3110

12.7890, 0.2067,
0.2827

209.5607, 0.2684,
0.3123

7.2834, 0.1879,
0.2720

254.8294, 0.2711,
0.3134

3.6400, 0.1615,
0.2556

306.1886, 0.2735,

1.4743, 0.1229,

0.3144

0.2280

364.0227, 0.2757,
0.3153

■ 0.2705, 0.0000,
0.1349

■ 0.0000, 0.0000,
0.0000

■ 61.1206, 0.2471,
0.3029

■ 61.1206, 0.2471,
0.3029

■ 57.0927, 0.2357,
0.2961

■ 65.6583, 0.2600,
0.3094

■ 53.5362, 0.2259,
0.2892


■ 70.7271, 0.2740,
0.3155

■ 50.4182, 0.2181,
0.2821

■ 76.3554, 0.2888,
0.3211


■ 47.6975, 0.2123,
0.2751


■ 82.5675, 0.3041,
0.3263


 45.3235, 0.2083,
0.2681


 89.3860, 0.3196,
0.3310

 44.3474, 0.2070,
0.2650

 93.1626, 0.3228,
0.3355

 95.9908, 0.3224,
0.3399

 98.8889, 0.3221,
0.3443

 99.0100, 0.3221,
0.3444

Harmonies

Analogous

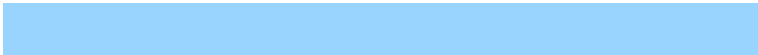
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.1206, 0.2612, 0.3361



61.1206, 0.2471, 0.3029



61.1206, 0.2493, 0.2796

Triad

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



61.1206, 0.2471, 0.3029



61.1206, 0.3343, 0.2931



61.1206, 0.3578, 0.3915

Complementary

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



61.1206, 0.2471, 0.3029



42.1056, 0.4246, 0.3526

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.



61.1206, 0.3797, 0.3752



61.1206, 0.2471, 0.3029



61.1206, 0.3662, 0.3191

Square

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



61.1206, 0.2471, 0.3029



61.1206, 0.2979, 0.2757



61.1206, 0.3831, 0.3485



61.1206, 0.3244, 0.3902

Rectangle

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



61.1206, 0.2471, 0.3029



61.1206, 0.2596, 0.2719



61.1206, 0.3831, 0.3485



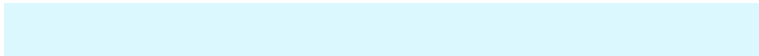
61.1206, 0.3668, 0.3877

Sweetspot

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



61.1229, 0.2471, 0.3029



89.5386, 0.2911, 0.3219



68.6678, 0.2960, 0.4460



18.8458, 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.



61.1229, 0.2471, 0.3029



66.3307, 0.2361, 0.2964



37.7323, 0.2344, 0.2318



17.3814, 0.2981, 0.3243



24.7007, 0.2073, 0.2661



2.1860, 0.2098, 0.2753

Inverse Universe

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



39.3917, 0.3375, 0.2365



39.0656, 0.3444, 0.2193



63.3744, 0.3961, 0.4093



15.9762, 0.3167, 0.3101



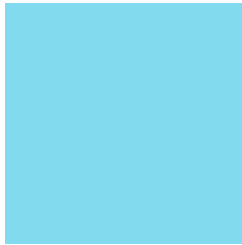
12.2869, 0.3765, 0.1848



1.0354, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 61.1206, 0.2471, 0.3029 looks on a white background.

Color Contrast Check

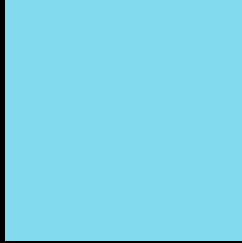
Large Text (above 18pt) WCAG AA × Fail

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 61.1206, 0.2471, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

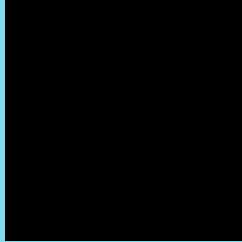
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1206, 0.2471, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 61.1206, 0.2471, 0.3029.

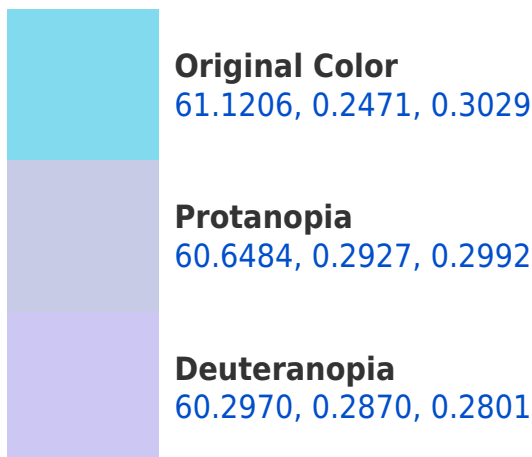


This preview shows how white text looks on a background with the Yxy color 61.1206, 0.2471, 0.3029.

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

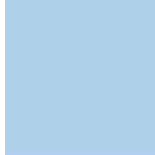
60.8661, 0.2480, 0.3064

Trichromacy



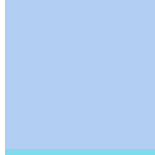
Original Color

61.1206, 0.2471, 0.3029



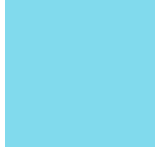
Protanomaly

60.1089, 0.2736, 0.2993



Deuteranomaly

60.0184, 0.2700, 0.2870



Tritanomaly

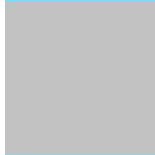
60.9244, 0.2475, 0.3052

Monochromacy



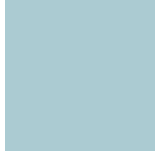
Original Color

61.1206, 0.2471, 0.3029



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.0229, 0.2845, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1206, 0.2471, 0.3029 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(130, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 218, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.1206, 0.2471, 0.3029 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(130, 218, 239) }
```

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

```
.border{ border-color:rgb(130, 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(130, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 218, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 218, 239); box-shadow:4px 4px 4px 4px rgb(130, 218, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1206, 0.2471, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 218, 239) }
```

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

```
.background{ background-color: rgb(130,  
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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