

Converting Colors

Yxy(61.6374, 0.2591, 0.2894)

Have a look what the booklet for
Yxy(61.6374, 0.2591, 0.2894)
contains.

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Color

Yxy(61.4222, 0.2590, 0.2889)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A2D4F6 |
| RGB | 162, 212, 246 |
| RGB Percent | 64%, 83%, 96% |
| CMY | 0.3649, 0.1685, 0.0354 |
| CMYK | 0.34, 0.14, 0.00, 0.04 |
| HSL | 204°, 82%, 80% |
| HSV | 204°, 34%, 96% |
| XYZ | 55.0652, 61.4222, 96.1197 |
| YIQ | 200.9260, -40.7140, -0.0260 |

Conversions

Conversions Part 2

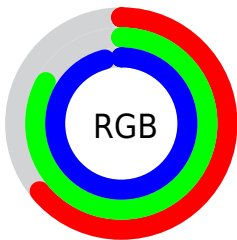
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 162, 193, 246 |
| Decimal | 10671350 |
| CIE Lab | 82.61, -8.20, -21.85 |
| CIE LCh | 83, 23.338, 249.426 |
| Yxy | 61.4222, 0.2590, 0.2889 |
| Android (android.graphics.Color) | 4288861430 (0xFFA2D4F6) |
| YUV | 200.9260, 22.2215, -34.1381 |
| Hunter-Lab | 78.3723, -11.7355, -17.8556 |

Details

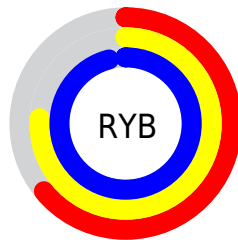
The Yxy color **61.4222, 0.2590, 0.2889** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.6257, 0.3811, 0.3657**, and the grayscale version is **58.2328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **30.9574, 0.2456, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **54.2794, 0.2437, 0.2748**, and if you desaturate by 10%, it is **69.3794, 0.2748, 0.3020**.

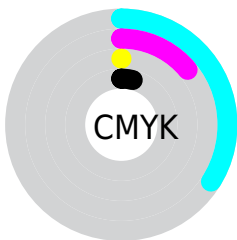
Distribution



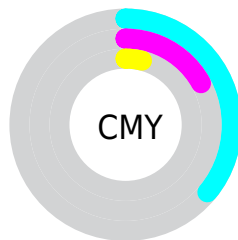
- Red (64%)
- Green (83%)
- Blue (96%)



- Red (64%)
- Yellow (76%)
- Blue (96%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4222, 0.2590, 0.2889 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 61.4222, 0.2590, 0.2889 by changing the saturation by 10% instead.

61.4222, 0.2590,
0.2889

61.4222, 0.2590,
0.2889

429.8203, 0.2841,
0.3081

44.5660, 0.2532,
0.2844

106.8900, 0.2677,
0.2957

31.1157, 0.2461,
0.2787

136.2704, 0.2711,
0.2983

20.6870, 0.2371,
0.2714

170.5943, 0.2740,
0.3005

12.8954, 0.2254,
0.2618

210.2461, 0.2766,
0.3025

7.3565, 0.2095,
0.2484

255.6102, 0.2788,
0.3041

3.6861, 0.1870,
0.2289

307.0710, 0.2808,

1.4995, 0.1533,

0.3056

0.1982

365.0129, 0.2825,
0.3070

0.2884, 0.0296,
0.1155

0.0000, 0.0000,
0.0000

61.4222, 0.2590,
0.2889

61.4222, 0.2590,
0.2889

54.2794, 0.2437,
0.2748

69.3794, 0.2748,
0.3020

47.9087, 0.2294,
0.2598

78.1763, 0.2906,
0.3140

42.2745, 0.2163,
0.2443

87.8454, 0.3063,
0.3248

37.3343, 0.2051,
0.2284

97.3908, 0.3182,
0.3346

■ 33.0396, 0.1959,
0.2126

■ 99.4322, 0.3179,
0.3376

■ 29.3322, 0.1889,
0.1971

■ 27.3928, 0.1857,
0.1884

Harmonies

Analogous

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



61.4222, 0.2581, 0.3092



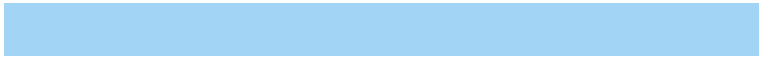
61.4222, 0.2590, 0.2889



61.4222, 0.2735, 0.2801

Triad

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



61.4222, 0.2590, 0.2889



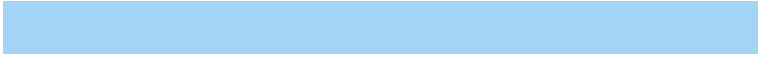
61.4222, 0.3557, 0.3194



61.4222, 0.3246, 0.3799

Complementary

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



61.4222, 0.2590, 0.2889



61.6257, 0.3811, 0.3657

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.



61.4222, 0.3519, 0.3804



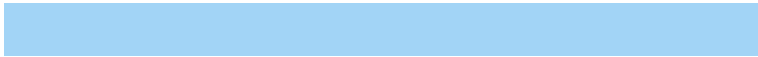
61.4222, 0.2590, 0.2889



61.4222, 0.3706, 0.3443

Square

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



61.4222, 0.2590, 0.2889



61.4222, 0.3289, 0.2977



61.4222, 0.3691, 0.3667



61.4222, 0.2950, 0.3636

Rectangle

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



61.4222, 0.2590, 0.2889



61.4222, 0.2894, 0.2811



61.4222, 0.3691, 0.3667



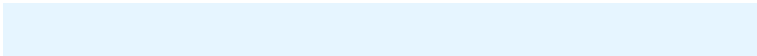
61.4222, 0.3344, 0.3819

Sweetspot

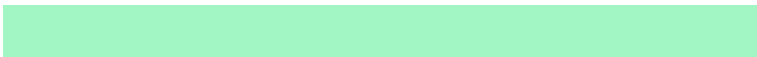
The Sweet Spot groups the original color and five complimentary colors.



61.4246, 0.2590, 0.2889



89.0821, 0.2972, 0.3186



77.5356, 0.2900, 0.3893



18.7555, 0.2949, 0.3171



0.0000, 0.0000, 0.0000



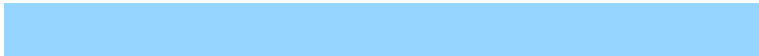
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4246, 0.2590, 0.2889



61.2137, 0.2484, 0.2792



43.2055, 0.2522, 0.2371



17.5691, 0.2980, 0.3192



14.9071, 0.1864, 0.1908



1.5115, 0.1917, 0.2099

Inverse Universe

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



50.1619, 0.3457, 0.2762



48.0084, 0.3549, 0.2654



83.0935, 0.3669, 0.4067



16.6483, 0.3200, 0.3150



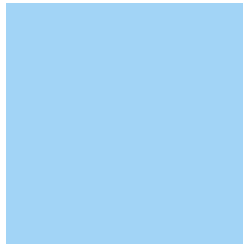
11.6043, 0.4558, 0.2284



1.0402, 0.4342, 0.2166

Previews

White Background



This preview shows how the Yxy color 61.4222, 0.2590, 0.2889 looks on a white background.

Color Contrast Check

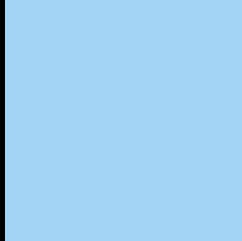
Large Text (above 18pt) WCAG AA × Fail

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 61.4222, 0.2590, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

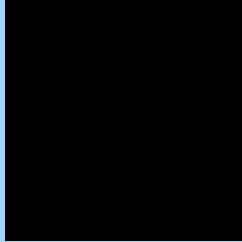
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

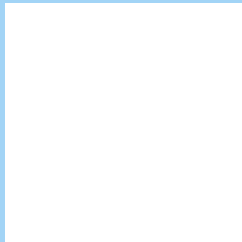
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4222, 0.2590, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 61.4222, 0.2590, 0.2889.

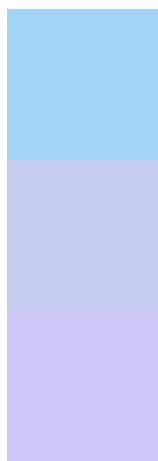


This preview shows how white text looks on a background with the Yxy color 61.4222, 0.2590, 0.2889.

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

61.4222, 0.2590, 0.2889

Protanopia

61.0089, 0.2842, 0.2872

Deuteranopia

60.7824, 0.2825, 0.2759



Tritanopia

61.2903, 0.2651, 0.3071

Trichromacy



Original Color

61.4222, 0.2590, 0.2889

Protanomaly

60.8677, 0.2745, 0.2876

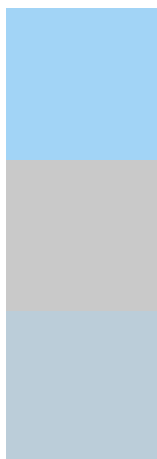
Deuteranomaly

60.5925, 0.2733, 0.2801

Tritanomaly

61.1765, 0.2628, 0.3001

Monochromacy



Original Color

61.4222, 0.2590, 0.2889

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2372, 0.2913, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4222, 0.2590, 0.2889 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(162, 212, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 212, 246)  
}
```

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(162, 212, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 212, 246) }
```

Border

The CSS property to change the border of an element to Yxy 61.4222, 0.2590, 0.2889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

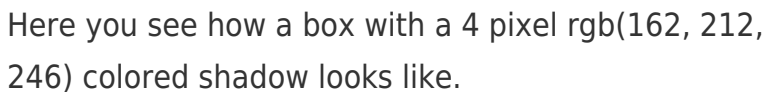
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 212, 246) }
```

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

```
.border{ border-color:rgb(162, 212, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 212, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 212, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 212, 246); box-shadow:4px 4px 4px 4px rgb(162, 212, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4222, 0.2590, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 212, 246) }
```

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

```
.background{ background-color: rgb(162,  
212, 246) }
```

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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