

Converting Colors

Yxy(61.0331, 0.2653, 0.2939)

Have a look what the booklet for
Yxy(61.0331, 0.2653, 0.2939)
contains.

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Color

Yxy(61.2046, 0.2656, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	A8D3F0
RGB	168, 211, 240
RGB Percent	66%, 83%, 94%
CMY	0.3413, 0.1725, 0.0589
CMYK	0.30, 0.12, 0.00, 0.06
HSL	204°, 71%, 80%
HSV	204°, 30%, 94%
XYZ	55.1610, 61.2046, 91.3188
YIQ	201.4490, -34.9370, -0.0970

Conversions

Conversions Part 2

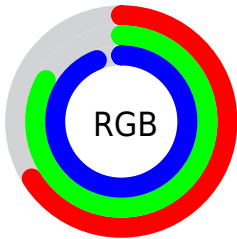
Format	Color
RYB	168, 195, 240
Decimal	11064304
CIELab	82.49, -7.46, -18.80
CIELCh	82, 20.226, 248.365
Yxy	61.2046, 0.2656, 0.2947
Android (android.graphics.Color)	4289254384 (0xFFA8D3F0)
YUV	201.4490, 19.0056, -29.3348
Hunter-Lab	78.2334, -11.0512, -14.4436

Details

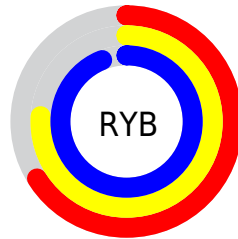
The Yxy color **61.2046, 0.2656, 0.2947** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.2407, 0.3708, 0.3609**, and the grayscale version is **58.5943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **31.1520, 0.2543, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **54.1605, 0.2501, 0.2811**, and if you desaturate by 10%, it is **69.0273, 0.2814, 0.3073**.

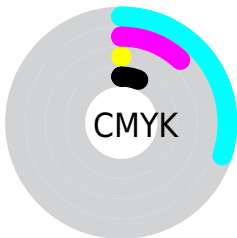
Distribution



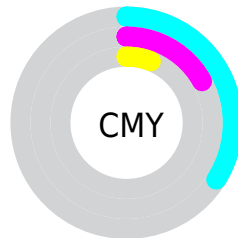
- Red (66%)
- Green (83%)
- Blue (94%)



- Red (66%)
- Yellow (76%)
- Blue (94%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2046, 0.2656, 0.2947 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 61.2046, 0.2656, 0.2947 by changing the saturation by 10% instead.

■ 61.2046, 0.2656,
0.2947

■ 61.2046, 0.2656,
0.2947

■ 429.0238, 0.2877,
0.3112

■ 44.3903, 0.2605,
0.2908

■ 106.5751, 0.2733,
0.3005

■ 30.9775, 0.2542,
0.2859

■ 135.9001, 0.2763,
0.3028

■ 20.5817, 0.2461,
0.2796

■ 170.1642, 0.2789,
0.3047

■ 12.8186, 0.2356,
0.2712

■ 209.7517, 0.2811,
0.3063

■ 7.3037, 0.2212,
0.2595

■ 255.0470, 0.2831,
0.3078

■ 3.6528, 0.2005,
0.2422

■ 306.4345, 0.2848,

■ 1.4813, 0.1688,

0.3091

0.2143

364.2986, 0.2863,
0.3102

■ 0.2755, 0.0375,
0.1295

■ 0.0000, 0.0000,
0.0000

■ 61.2046, 0.2656,
0.2947

■ 61.2046, 0.2656,
0.2947

■ 54.1605, 0.2501,
0.2811

■ 69.0273, 0.2814,
0.3073

■ 47.8560, 0.2354,
0.2666

■ 77.6509, 0.2972,
0.3187

■ 42.2590, 0.2217,
0.2513

■ 87.1056, 0.3127,
0.3290

■ 37.3314, 0.2097,
0.2356

■ 95.6800, 0.3219,
0.3383

■ 33.0304, 0.1997,
0.2199

■ 99.0694, 0.3215,
0.3435

■ 29.3058, 0.1918,
0.2043

■ 26.0781, 0.1859,
0.1893

Harmonies

Analogous

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



61.2046, 0.2653, 0.3128



61.2046, 0.2656, 0.2947



61.2046, 0.2779, 0.2864

Triad

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



61.2046, 0.2656, 0.2947



61.2046, 0.3493, 0.3200



61.2046, 0.3241, 0.3731

Complementary

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



61.2046, 0.2656, 0.2947



61.2407, 0.3708, 0.3609

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.



61.2046, 0.3475, 0.3734



61.2046, 0.2656, 0.2947



61.2046, 0.3626, 0.3418

Square

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



61.2046, 0.2656, 0.2947



61.2046, 0.3259, 0.3011



61.2046, 0.3619, 0.3614



61.2046, 0.2983, 0.3595

Rectangle

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



61.2046, 0.2656, 0.2947



61.2046, 0.2917, 0.2870



61.2046, 0.3619, 0.3614



61.2046, 0.3325, 0.3747

Sweetspot

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



61.2070, 0.2656, 0.2947



90.1570, 0.2987, 0.3198



74.6432, 0.2925, 0.3807



18.9725, 0.2964, 0.3182



0.0000, 0.0000, 0.0000



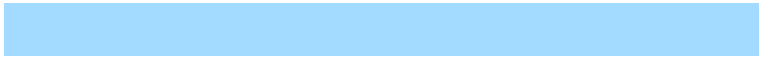
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2070, 0.2656, 0.2947



65.2159, 0.2561, 0.2865



45.3349, 0.2606, 0.2501



16.8006, 0.2980, 0.3193



14.5473, 0.1866, 0.1917



1.4046, 0.1921, 0.2116

Inverse Universe

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



51.2162, 0.3405, 0.2827



52.5920, 0.3480, 0.2730



79.4922, 0.3601, 0.3972



15.9175, 0.3200, 0.3150



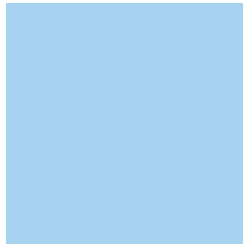
11.2619, 0.4548, 0.2279



0.9565, 0.4324, 0.2155

Previews

White Background



This preview shows how the Yxy color 61.2046, 0.2656, 0.2947 looks on a white background.

Color Contrast Check

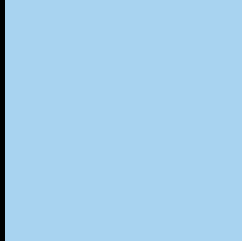
Large Text (above 18pt) WCAG AA × Fail

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 61.2046, 0.2656, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

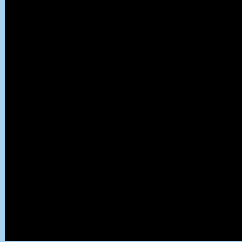
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

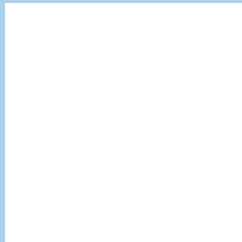
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2046, 0.2656, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 61.2046, 0.2656, 0.2947.



This preview shows how white text looks on a background with the Yxy color 61.2046, 0.2656, 0.2947.

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

61.2046, 0.2656, 0.2947

Protanopia

60.8521, 0.2881, 0.2926

Deuteranopia

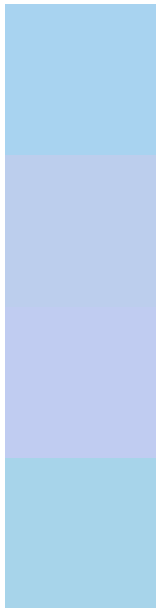
60.8412, 0.2884, 0.2824



Tritanopia

61.4087, 0.2702, 0.3084

Trichromacy



Original Color

61.2046, 0.2656, 0.2947

Protanomaly

60.9484, 0.2795, 0.2932

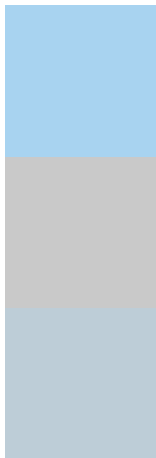
Deuteranomaly

60.7431, 0.2796, 0.2868

Tritanomaly

61.2430, 0.2685, 0.3026

Monochromacy



Original Color

61.2046, 0.2656, 0.2947

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.3878, 0.2941, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2046, 0.2656, 0.2947 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(168, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 211, 240)  
}
```

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(168, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 211, 240) }
```

Border

The CSS property to change the border of an element to Yxy 61.2046, 0.2656, 0.2947 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(168, 211, 240) }
```

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

```
.border{ border-color:rgb(168, 211, 240) }
```

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

Here you see how a box with a 4 pixel rgb(168, 211, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 211,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2046, 0.2656, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 211, 240) }
```

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

```
.background{ background-color: rgb(168,  
211, 240) }
```

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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