

Converting Colors

$Yxy(61.7052, 0.2576, 0.2773)$

Have a look what the booklet for
Yxy(61.7052, 0.2576, 0.2773)
contains.

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Color

Yxy(61.6380, 0.2574, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	A8D2FF
RGB	168, 210, 255
RGB Percent	66%, 82%, 100%
CMY	0.3414, 0.1764, 0.0000
CMYK	0.34, 0.18, 0.00, 0.00
HSL	211°, 100%, 83%
HSV	211°, 34%, 100%
XYZ	57.2353, 61.6380, 103.4860
YIQ	202.5720, -39.4770, 5.0910

Conversions

Conversions Part 2

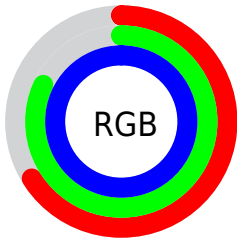
Format	Color
R_{YB}	168, 196, 255
Decimal	11064063
CIE _{Lab}	82.72, -3.29, -26.43
CIE _{LCh}	83, 26.636, 262.898
Yxy	61.6380, 0.2574, 0.2772
Android (android.graphics.Color)	4289254143 (0xFFA8D2FF)
YUV	202.5720, 25.8470, -30.3196
Hunter-Lab	78.5099, -7.2622, -23.1949

Details

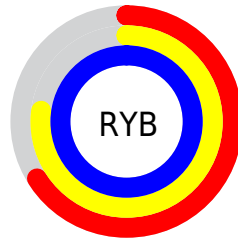
The Yxy color **61.6380, 0.2574, 0.2772** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.6358, 0.3778, 0.3755**, and the grayscale version is **59.2875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **31.3649, 0.2444, 0.2653** is the 20% darker color. If you saturate the color by 10%, you get **52.8707, 0.2409, 0.2588**, and if you desaturate by 10%, it is **71.4945, 0.2741, 0.2942**.

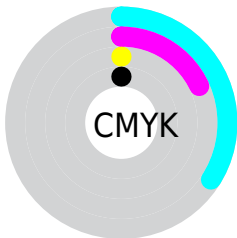
Distribution



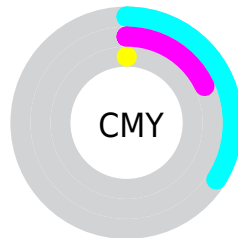
- Red (66%)
- Green (82%)
- Blue (100%)



- Red (66%)
- Yellow (77%)
- Blue (100%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6380, 0.2574, 0.2772 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 61.6380, 0.2574, 0.2772 by changing the saturation by 10% instead.

■ 61.6380, 0.2574,
0.2772

■ 61.6380, 0.2574,
0.2772

■ 430.6094, 0.2832,
0.3016

■ 44.7403, 0.2515,
0.2716

■ 107.2022, 0.2664,
0.2857

■ 31.2529, 0.2442,
0.2646

■ 136.6374, 0.2699,
0.2890

■ 20.7915, 0.2350,
0.2557

■ 171.0206, 0.2729,
0.2919

■ 12.9717, 0.2230,
0.2441

■ 210.7361, 0.2755,
0.2943

■ 7.4090, 0.2069,
0.2283

■ 256.1683, 0.2778,
0.2965

■ 3.7192, 0.1843,
0.2059

■ 307.7017, 0.2798,

■ 1.5178, 0.1510,

0.2984

0.1723

365.7206, 0.2816,
0.3001

0.3012, 0.0631,
0.0924

0.0000, 0.0000,
0.0000

61.6380, 0.2574,
0.2772

61.6380, 0.2574,
0.2772

52.8707, 0.2409,
0.2588

71.4945, 0.2741,
0.2942

45.1402, 0.2250,
0.2393

82.4750, 0.2905,
0.3097

38.4002, 0.2103,
0.2190

94.6213, 0.3064,
0.3237

32.5966, 0.1974,
0.1985

99.9999, 0.3127,
0.3290

■ 27.6684, 0.1867,
0.1785

■ 23.5435, 0.1785,
0.1594

■ 21.4454, 0.1747,
0.1489

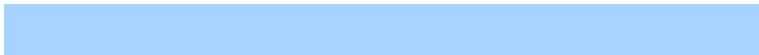
Harmonies

Analogous

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



61.6380, 0.2493, 0.2944



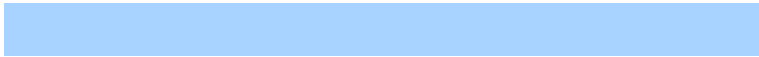
61.6380, 0.2574, 0.2772



61.6380, 0.2797, 0.2738

Triad

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



61.6380, 0.2574, 0.2772



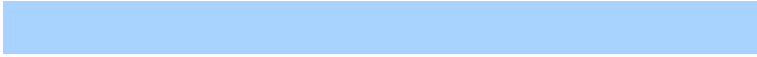
61.6380, 0.3716, 0.3304



61.6380, 0.3107, 0.3811

Complementary

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



61.6380, 0.2574, 0.2772



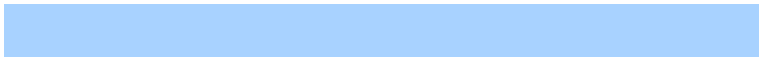
71.6358, 0.3778, 0.3755

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.



61.6380, 0.3441, 0.3898



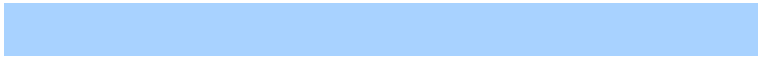
61.6380, 0.2574, 0.2772



61.6380, 0.3804, 0.3581

Square

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



61.6380, 0.2574, 0.2772



61.6380, 0.3459, 0.3038



61.6380, 0.3700, 0.3804



61.6380, 0.2790, 0.3557

Rectangle

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



61.6380, 0.2574, 0.2772



61.6380, 0.3005, 0.2789



61.6380, 0.3700, 0.3804



61.6380, 0.3221, 0.3861

Sweetspot

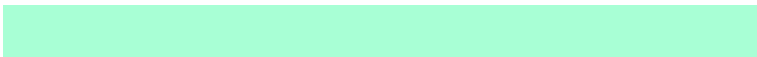
The Sweet Spot groups the original color and five complimentary colors.



61.6404, 0.2574, 0.2772



87.3600, 0.2971, 0.3157



84.6379, 0.2847, 0.3772



18.3388, 0.2949, 0.3137



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.



61.6404, 0.2574, 0.2772



55.5102, 0.2460, 0.2647



43.6835, 0.2517, 0.2267



18.8267, 0.2979, 0.3164



11.5017, 0.1755, 0.1518



1.3374, 0.1814, 0.1728

Inverse Universe

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



53.8985, 0.3545, 0.2857



47.4326, 0.3664, 0.2769



95.3296, 0.3634, 0.4147



18.1334, 0.3218, 0.3176



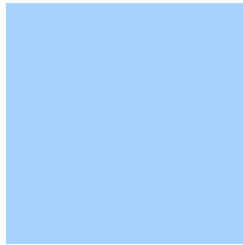
11.8891, 0.5035, 0.2548



1.1796, 0.4772, 0.2402

Previews

White Background



This preview shows how the Yxy color 61.6380, 0.2574, 0.2772 looks on a white background.

Color Contrast Check

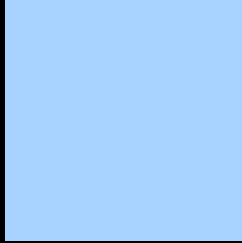
Large Text (above 18pt) WCAG AA × Fail

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 61.6380, 0.2574, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

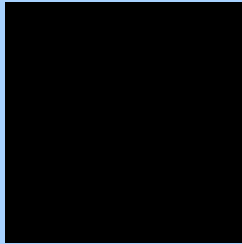
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

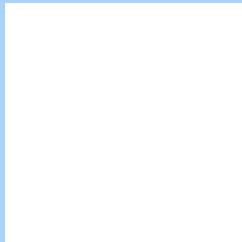
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6380, 0.2574, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 61.6380, 0.2574, 0.2772.



This preview shows how white text looks on a background with the Yxy color 61.6380, 0.2574, 0.2772.

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

61.6380, 0.2574, 0.2772

Protanopia

61.2161, 0.2761, 0.2765

Deuteranopia

61.1354, 0.2756, 0.2696



Tritanopia

61.5440, 0.2674, 0.3084

Trichromacy



Original Color

61.6380, 0.2574, 0.2772

Protanomaly

61.4852, 0.2687, 0.2770

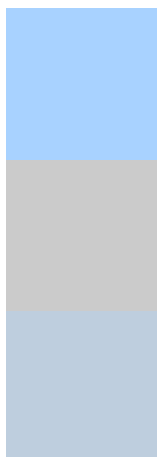
Deuteranomaly

61.0971, 0.2687, 0.2719

Tritanomaly

61.7723, 0.2635, 0.2969

Monochromacy



Original Color

61.6380, 0.2574, 0.2772

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3637, 0.2902, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6380, 0.2574, 0.2772 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 210, 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(168, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6380, 0.2574, 0.2772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

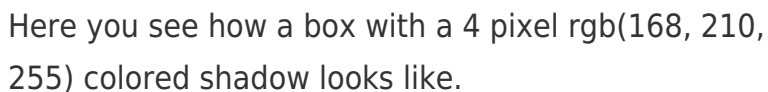
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 210, 255) }
```

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

```
.border{ border-color:rgb(168, 210, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 210, 255); box-shadow:4px 4px 4px 4px rgb(168, 210, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6380, 0.2574, 0.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 210, 255) }
```

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

```
.background{ background-color: rgb(168,  
210, 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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