

Converting Colors

$Yxy(60.3983, 0.2535, 0.2754)$

Have a look what the booklet for
Yxy(60.3983, 0.2535, 0.2754)
contains.

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Color

Yxy(60.3980, 0.2533, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	A1D1FF
RGB	161, 209, 255
RGB Percent	63%, 82%, 100%
CMY	0.3686, 0.1804, 0.0000
CMYK	0.37, 0.18, 0.00, 0.00
HSL	209°, 100%, 82%
HSV	209°, 37%, 100%
XYZ	55.5512, 60.3980, 103.3608
YIQ	199.8920, -43.3740, 4.1300

Conversions

Conversions Part 2

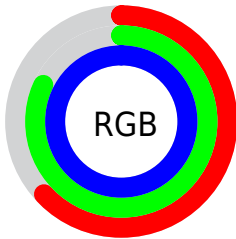
Format	Color
R_{YB}	161, 193, 255
Decimal	10605055
CIE Lab	82.05, -4.60, -27.50
CIE LCh	82, 27.884, 260.498
Yxy	60.3980, 0.2533, 0.2754
Android (android.graphics.Color)	4288795135 (0xFFA1D1FF)
YUV	199.8920, 27.1682, -34.1083
Hunter-Lab	77.7162, -8.4121, -24.4531

Details

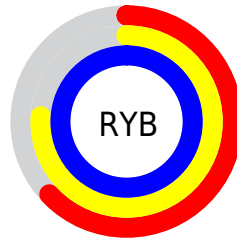
The Yxy color **60.3980, 0.2533, 0.2754** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.4581, 0.3852, 0.3768**, and the grayscale version is **57.5384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **30.5841, 0.2395, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **52.1285, 0.2372, 0.2577**, and if you desaturate by 10%, it is **69.6883, 0.2697, 0.2919**.

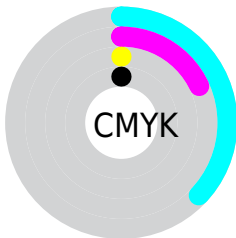
Distribution



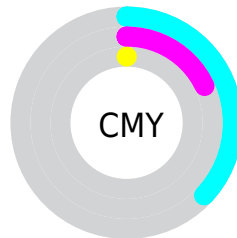
- Red (63%)
- Green (82%)
- Blue (100%)



- Red (63%)
- Yellow (76%)
- Blue (100%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3980, 0.2533, 0.2754 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 60.3980, 0.2533, 0.2754 by changing the saturation by 10% instead.


 60.3980, 0.2533,
0.2754


 60.3980, 0.2533,
0.2754


426.0632, 0.2811,
0.3008

 43.7395, 0.2469,
0.2695


 105.4068, 0.2630,
0.2843

 30.4658, 0.2391,
0.2622


 134.5259, 0.2667,
0.2877

 20.1924, 0.2292,
0.2529


168.5673, 0.2699,
0.2907

 12.5350, 0.2164,
0.2407

207.9155, 0.2727,
0.2932

 7.1091, 0.1992,
0.2241

252.9548, 0.2752,
0.2955

 3.5304, 0.1751,
0.2006

304.0696, 0.2774,

 1.4145, 0.1399,

0.2975

0.1653

361.6442, 0.2793,
0.2992

0.2274, 0.0338,
0.0740

0.0000, 0.0000,
0.0000

60.3980, 0.2533,
0.2754

60.3980, 0.2533,
0.2754

52.1285, 0.2372,
0.2577

69.6883, 0.2697,
0.2919

44.8344, 0.2220,
0.2391

80.0386, 0.2861,
0.3069

38.4681, 0.2081,
0.2198

91.4879, 0.3021,
0.3205

32.9762, 0.1961,
0.2004

100.0000, 0.3127,
0.3290

■ 28.2977, 0.1864,
0.1815

■ 24.3580, 0.1792,
0.1635

■ 23.2428, 0.1773,
0.1581

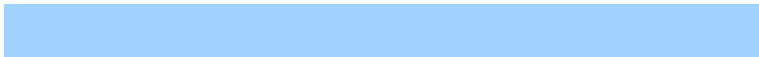
Harmonies

Analogous

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



60.3980, 0.2461, 0.2945



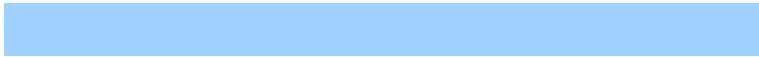
60.3980, 0.2533, 0.2754



60.3980, 0.2756, 0.2708

Triad

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



60.3980, 0.2533, 0.2754



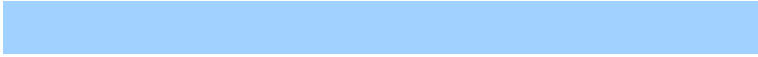
60.3980, 0.3732, 0.3280



60.3980, 0.3133, 0.3856

Complementary

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



60.3980, 0.2533, 0.2754



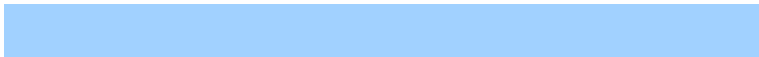
68.4581, 0.3852, 0.3768

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.



60.3980, 0.3483, 0.3930



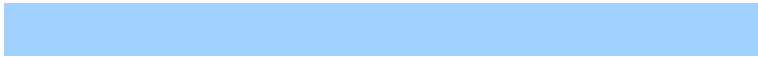
60.3980, 0.2533, 0.2754



60.3980, 0.3841, 0.3573

Square

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



60.3980, 0.2533, 0.2754



60.3980, 0.3450, 0.3004



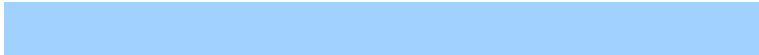
60.3980, 0.3746, 0.3815



60.3980, 0.2795, 0.3598

Rectangle

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



60.3980, 0.2533, 0.2754



60.3980, 0.2970, 0.2755



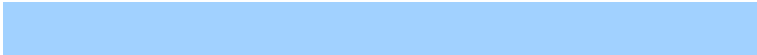
60.3980, 0.3746, 0.3815



60.3980, 0.3253, 0.3903

Sweetspot

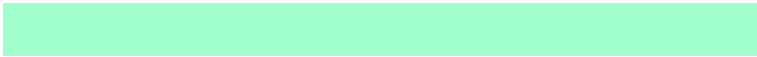
The Sweet Spot groups the original color and five complimentary colors.



60.3985, 0.2533, 0.2754



86.6156, 0.2955, 0.3151



83.5743, 0.2844, 0.3855



18.2065, 0.2934, 0.3132



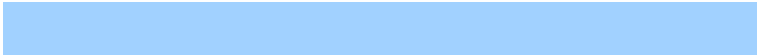
0.0000, 0.0000, 0.0000



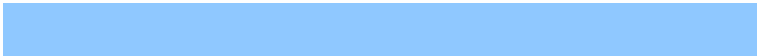
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3985, 0.2533, 0.2754



54.3944, 0.2418, 0.2629



40.8377, 0.2452, 0.2188



18.9115, 0.2979, 0.3171



12.4449, 0.1781, 0.1609



1.4304, 0.1837, 0.1812

Inverse Universe

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



51.3531, 0.3567, 0.2797



45.0195, 0.3689, 0.2702



94.3577, 0.3688, 0.4196



18.1419, 0.3214, 0.3169



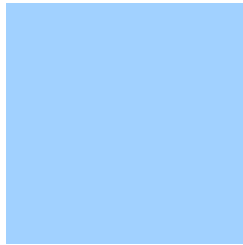
11.9843, 0.4919, 0.2483



1.1889, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 60.3980, 0.2533, 0.2754 looks on a white background.

Color Contrast Check

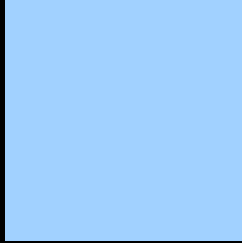
Large Text (above 18pt) WCAG AA × Fail

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 60.3980, 0.2533, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

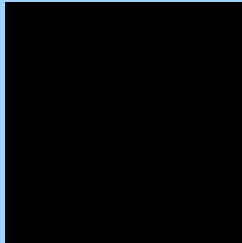
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

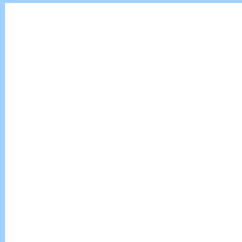
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3980, 0.2533, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 60.3980, 0.2533, 0.2754.



This preview shows how white text looks on a background with the Yxy color 60.3980, 0.2533, 0.2754.

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

60.3980, 0.2533, 0.2754

Protanopia

59.8819, 0.2739, 0.2739

Deuteranopia

60.2643, 0.2735, 0.2682



Tritanopia

60.2702, 0.2637, 0.3081

Trichromacy



Original Color

60.3980, 0.2533, 0.2754

Protanomaly

60.0378, 0.2660, 0.2743

Deuteranomaly

59.9992, 0.2655, 0.2702

Tritanomaly

60.4871, 0.2599, 0.2964

Monochromacy



Original Color

60.3980, 0.2533, 0.2754

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3183, 0.2886, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3980, 0.2533, 0.2754 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(161, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 209, 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(161, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3980, 0.2533, 0.2754 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(161, 209, 255) }
```

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

```
.border{ border-color:rgb(161, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3980, 0.2533, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 209, 255) }
```

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

```
.background{ background-color: rgb(161,  
209, 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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