

Converting Colors

Yxy(64.7724, 0.2296, 0.2231)

Have a look what the booklet for
Yxy(64.7724, 0.2296, 0.2231)
contains.

Yxy(60.7134, 0.2550, 0.2757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.7134, 0.2550, 0.2757)

Conversions

Conversions Part 1

Format	Color
Hex	A4D1FF
RGB	164, 209, 255
RGB Percent	64%, 82%, 100%
CMY	0.3569, 0.1804, 0.0001
CMYK	0.36, 0.18, 0.00, 0.00
HSL	210°, 100%, 82%
HSV	210°, 36%, 100%
XYZ	56.1549, 60.7134, 103.3471
YIQ	200.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

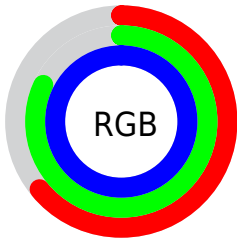
Format	Color
RYB	164, 194, 255
Decimal	10801663
CIELab	82.22, -3.83, -27.20
CIELCh	82, 27.467, 261.988
Yxy	60.7134, 0.2550, 0.2757
Android (android.graphics.Color)	4288991743 (0xFFA4D1FF)
YUV	200.7890, 26.7260, -32.2640
Hunter-Lab	77.9188, -7.7156, -24.0958

Details

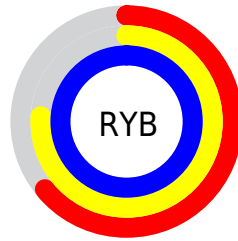
The Yxy color **60.7134, 0.2550, 0.2757** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.0075, 0.3818, 0.3767**, and the grayscale version is **58.1215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **30.7711, 0.2415, 0.2633** is the 20% darker color. If you saturate the color by 10%, you get **52.2017, 0.2387, 0.2575**, and if you desaturate by 10%, it is **70.2847, 0.2716, 0.2926**.

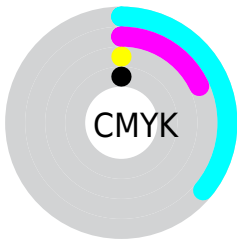
Distribution



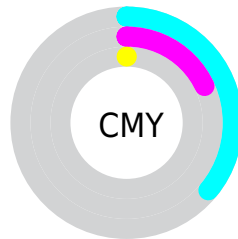
- Red (64%)
- Green (82%)
- Blue (100%)



- Red (64%)
- Yellow (76%)
- Blue (100%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7134, 0.2550, 0.2757 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 60.7134, 0.2550, 0.2757 by changing the saturation by 10% instead.

 60.7134, 0.2550,
0.2757


 60.7134, 0.2550,
0.2757


427.2224, 0.2820,
0.3009

 43.9939, 0.2488,
0.2699

 105.8639, 0.2644,
0.2845

 30.6657, 0.2412,
0.2626


 135.0636, 0.2680,
0.2879

 20.3444, 0.2316,
0.2534


169.1922, 0.2712,
0.2909

 12.6457, 0.2191,
0.2414

208.6341, 0.2739,
0.2934

 7.1850, 0.2023,
0.2250

253.7737, 0.2763,
0.2956

 3.5781, 0.1787,
0.2018

304.9953, 0.2784,

 1.4405, 0.1442,

0.2976

0.1670

362.6834, 0.2803,
0.2993

0.2463, 0.0449,
0.0787

0.0000, 0.0000,
0.0000

60.7134, 0.2550,
0.2757

60.7134, 0.2550,
0.2757

52.2017, 0.2387,
0.2575

70.2847, 0.2716,
0.2926

44.6978, 0.2231,
0.2383

80.9501, 0.2880,
0.3079

38.1554, 0.2088,
0.2185

92.7509, 0.3039,
0.3218

32.5207, 0.1963,
0.1985

99.9986, 0.3127,
0.3290

■ 27.7322, 0.1862,
0.1789

■ 23.7167, 0.1785,
0.1604

■ 22.1819, 0.1758,
0.1527

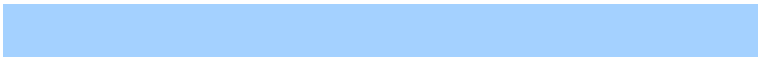
Harmonies

Analogous

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



60.7134, 0.2472, 0.2939



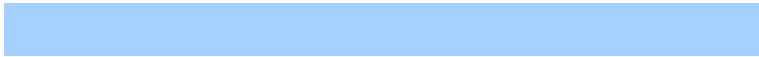
60.7134, 0.2550, 0.2757



60.7134, 0.2776, 0.2718

Triad

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



60.7134, 0.2550, 0.2757



60.7134, 0.3732, 0.3295



60.7134, 0.3116, 0.3837

Complementary

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



60.7134, 0.2550, 0.2757



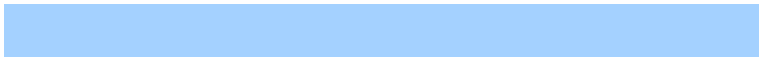
70.0075, 0.3818, 0.3767

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.



60.7134, 0.3461, 0.3921



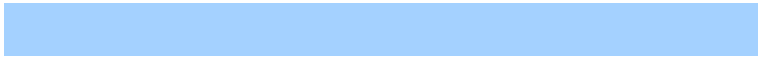
60.7134, 0.2550, 0.2757



60.7134, 0.3830, 0.3582

Square

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



60.7134, 0.2550, 0.2757



60.7134, 0.3461, 0.3021



60.7134, 0.3726, 0.3816



60.7134, 0.2786, 0.3577

Rectangle

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



60.7134, 0.2550, 0.2757



60.7134, 0.2989, 0.2769



60.7134, 0.3726, 0.3816



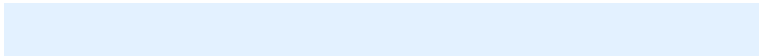
60.7134, 0.3234, 0.3887

Sweetspot

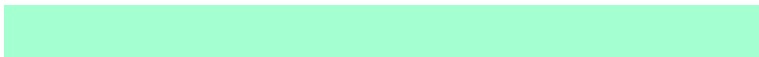
The Sweet Spot groups the original color and five complimentary colors.



60.7158, 0.2550, 0.2757



86.3522, 0.2955, 0.3146



84.0246, 0.2844, 0.3816



18.1438, 0.2934, 0.3127



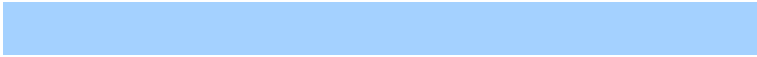
0.0000, 0.0000, 0.0000



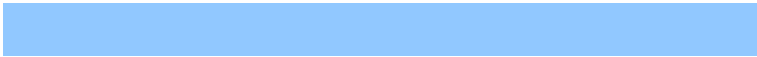
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7158, 0.2550, 0.2757



54.3972, 0.2430, 0.2625



41.6568, 0.2474, 0.2210



18.8623, 0.2979, 0.3167



11.8906, 0.1766, 0.1556



1.3759, 0.1823, 0.1763

Inverse Universe

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



52.4067, 0.3561, 0.2827



45.7696, 0.3688, 0.2732



95.4416, 0.3666, 0.4181



18.1370, 0.3216, 0.3173



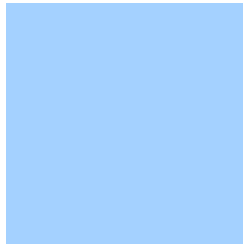
11.9283, 0.4986, 0.2521



1.1834, 0.4729, 0.2379

Previews

White Background



This preview shows how the Yxy color 60.7134, 0.2550, 0.2757 looks on a white background.

Color Contrast Check

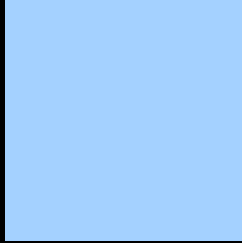
Large Text (above 18pt) WCAG AA × Fail

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 60.7134, 0.2550, 0.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

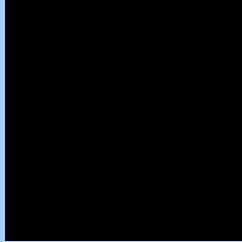
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

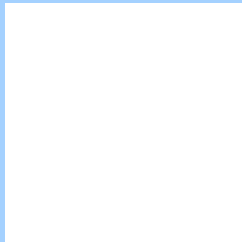
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7134, 0.2550, 0.2757

Background



This preview shows how black text looks on a background with the Yxy color 60.7134, 0.2550, 0.2757.



This preview shows how white text looks on a background with the Yxy color 60.7134, 0.2550, 0.2757.

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

60.7134, 0.2550, 0.2757

Protanopia

60.4806, 0.2747, 0.2752

Deuteranopia

60.3989, 0.2742, 0.2683



Tritanopia

60.5708, 0.2655, 0.3082

Trichromacy



Original Color

60.7134, 0.2550, 0.2757

Protanomaly

60.6360, 0.2667, 0.2756

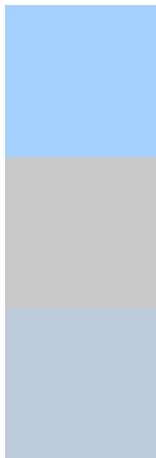
Deuteranomaly

60.2462, 0.2667, 0.2704

Tritanomaly

60.7925, 0.2616, 0.2966

Monochromacy



Original Color

60.7134, 0.2550, 0.2757

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0976, 0.2894, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7134, 0.2550, 0.2757 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(164, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.7134, 0.2550, 0.2757 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(164, 209, 255) }
```

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

```
.border{ border-color:rgb(164, 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(164, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7134, 0.2550, 0.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 209, 255) }
```

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

```
.background{ background-color: rgb(164,  
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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