

Converting Colors

Yxy(67.3663, 0.2547, 0.2921)

Have a look what the booklet for
Yxy(67.3663, 0.2547, 0.2921)
contains.

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Color

Yxy(67.3663, 0.2547, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	9FDFFF
RGB	159, 223, 255
RGB Percent	62%, 87%, 100%
CMY	0.3763, 0.1255, 0.0000
CMYK	0.38, 0.13, 0.00, 0.00
HSL	200°, 100%, 81%
HSV	200°, 38%, 100%
XYZ	58.7408, 67.3663, 104.5204
YIQ	207.5120, -48.4160, -3.6160

Conversions

Conversions Part 2

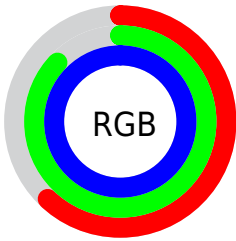
Format	Color
R_{YB}	159, 197, 255
Decimal	10477567
CIE _{Lab}	85.69, -12.42, -21.97
CIE _{LCh}	86, 25.234, 240.524
Yxy	67.3663, 0.2547, 0.2921
Android (android.graphics.Color)	4288667647 (0xFF9FDFFF)
YUV	207.5120, 23.4116, -42.5450
Hunter-Lab	82.0770, -15.8859, -18.0486

Details

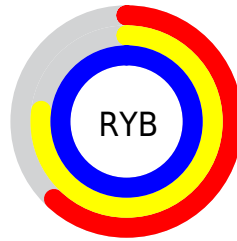
The Yxy color **67.3663, 0.2547, 0.2921** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.0413, 0.3930, 0.3627**, and the grayscale version is **62.6188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **34.9660, 0.2415, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **60.5937, 0.2405, 0.2803**, and if you desaturate by 10%, it is **74.9091, 0.2697, 0.3031**.

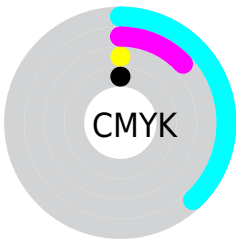
Distribution



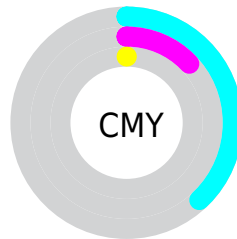
- Red (62%)
- Green (87%)
- Blue (100%)



- Red (62%)
- Yellow (77%)
- Blue (100%)



- Cyan (38%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




- Cyan (38%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3663, 0.2547, 0.2921 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 67.3663, 0.2547, 0.2921 by changing the saturation by 10% instead.


 67.3663, 0.2547,
0.2921

 67.3663, 0.2547,
0.2921


451.2475, 0.2813,
0.3097

 49.3824, 0.2487,
0.2880


 115.4451, 0.2639,
0.2983

 34.9229, 0.2414,
0.2829


 146.3088, 0.2674,
0.3007

 23.6035, 0.2322,
0.2763


182.2345, 0.2705,
0.3027

 15.0397, 0.2204,
0.2677

223.6067, 0.2732,
0.3045

 8.8473, 0.2047,
0.2558

270.8097, 0.2756,
0.3060

 4.6417, 0.1830,
0.2387

324.2279, 0.2777,

 2.0386, 0.1515,

0.3074

0.2121

384.2457, 0.2796,
0.3086

0.6298, 0.0783,
0.1669

0.0000, 0.0000,
0.0000

67.3663, 0.2547,
0.2921

67.3663, 0.2547,
0.2921

60.5937, 0.2405,
0.2803

74.9091, 0.2697,
0.3031

54.5483, 0.2275,
0.2680

83.2494, 0.2852,
0.3133

49.1919, 0.2161,
0.2552

92.4208, 0.3009,
0.3225

44.4790, 0.2066,
0.2423

100.0000, 0.3127,
0.3290

■ 40.3563, 0.1992,
0.2294

■ 36.7551, 0.1938,
0.2167

■ 35.9562, 0.1927,
0.2138

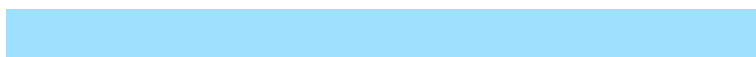
Harmonies

Analogous

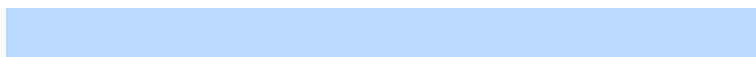
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.3663, 0.2581, 0.3163



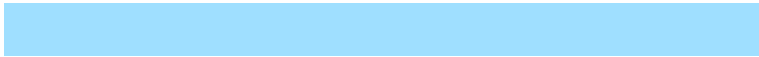
67.3663, 0.2547, 0.2921



67.3663, 0.2658, 0.2792

Triad

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



67.3663, 0.2547, 0.2921



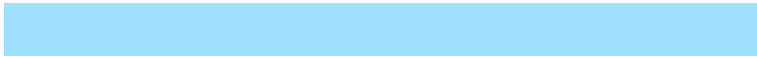
67.3663, 0.3504, 0.3116



67.3663, 0.3342, 0.3844

Complementary

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



67.3663, 0.2547, 0.2921



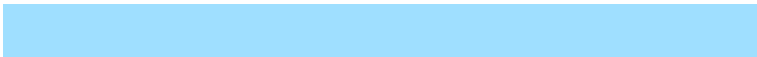
61.0413, 0.3930, 0.3627

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.



67.3663, 0.3605, 0.3799



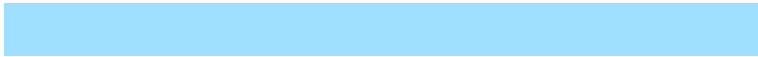
67.3663, 0.2547, 0.2921



67.3663, 0.3705, 0.3371

Square

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



67.3663, 0.2547, 0.2921



67.3663, 0.3202, 0.2909



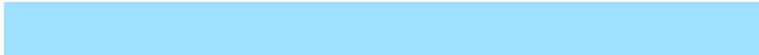
67.3663, 0.3742, 0.3620



67.3663, 0.3030, 0.3720

Rectangle

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



67.3663, 0.2547, 0.2921



67.3663, 0.2803, 0.2778



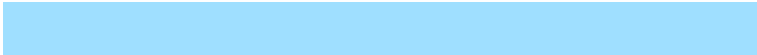
67.3663, 0.3742, 0.3620



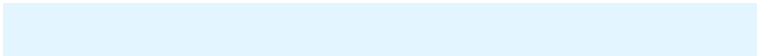
67.3663, 0.3440, 0.3847

Sweetspot

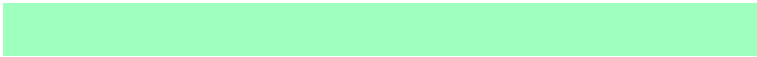
The Sweet Spot groups the original color and five complimentary colors.



67.3684, 0.2547, 0.2921



89.2392, 0.2956, 0.3195



82.6568, 0.2912, 0.4047



18.8324, 0.2935, 0.3183



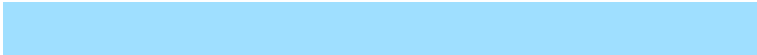
0.0000, 0.0000, 0.0000



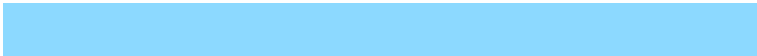
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3684, 0.2547, 0.2921



62.3060, 0.2441, 0.2835



45.2649, 0.2461, 0.2336



19.4009, 0.2980, 0.3209



19.0740, 0.1933, 0.2158



2.0583, 0.1973, 0.2302

Inverse Universe

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



51.3952, 0.3442, 0.2642



45.0852, 0.3526, 0.2518



85.5005, 0.3749, 0.4090



18.1913, 0.3189, 0.3133



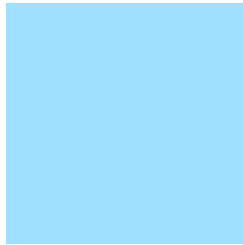
12.6535, 0.4277, 0.2130



1.2523, 0.4124, 0.2045

Previews

White Background



This preview shows how the Yxy color 67.3663, 0.2547, 0.2921 looks on a white background.

Color Contrast Check

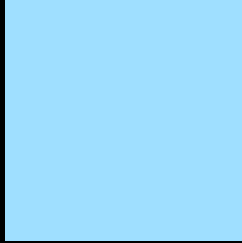
Large Text (above 18pt) WCAG AA × Fail

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 67.3663, 0.2547, 0.2921 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 67.3663, 0.2547, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 67.3663, 0.2547, 0.2921.



This preview shows how white text looks on a background with the Yxy color 67.3663, 0.2547, 0.2921.

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

67.3663, 0.2547, 0.2921

Protanopia

67.0678, 0.2865, 0.2909

Deuteranopia

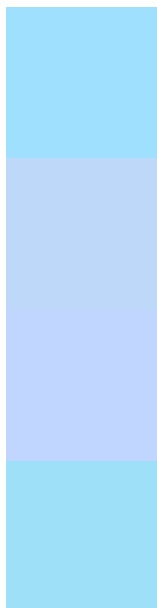
66.8180, 0.2848, 0.2799



Tritanopia

67.3894, 0.2594, 0.3077

Trichromacy



Original Color

67.3663, 0.2547, 0.2921

Protanomaly

66.9610, 0.2741, 0.2911

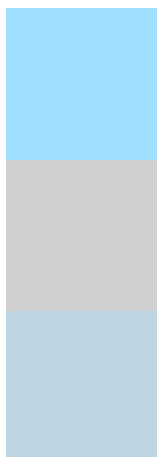
Deuteranomaly

66.6506, 0.2729, 0.2838

Tritanomaly

67.1948, 0.2578, 0.3020

Monochromacy



Original Color

67.3663, 0.2547, 0.2921

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9719, 0.2886, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3663, 0.2547, 0.2921 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(159, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 223, 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(159, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.3663, 0.2547, 0.2921 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(159, 223, 255) }
```

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

```
.border{ border-color:rgb(159, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3663, 0.2547, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 223, 255) }
```

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

```
.background{ background-color: rgb(159,  
223, 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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