

Converting Colors

$Yxy(65.1861, 0.2582, 0.2933)$

Have a look what the booklet for
Yxy(65.1861, 0.2582, 0.2933)
contains.

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Color

Yxy(65.2465, 0.2581, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	A2DBFA
RGB	162, 219, 250
RGB Percent	64%, 86%, 98%
CMY	0.3646, 0.1412, 0.0195
CMYK	0.35, 0.12, 0.00, 0.02
HSL	201°, 90%, 81%
HSV	201°, 35%, 98%
XYZ	57.4944, 65.2465, 100.0194
YIQ	205.4910, -43.9230, -2.4430

Conversions

Conversions Part 2

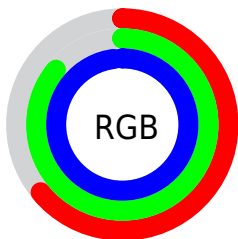
Format	Color
RYB	162, 197, 250
Decimal	10673146
CIELab	84.61, -10.80, -20.95
CIELCh	85, 23.574, 242.722
Yxy	65.2465, 0.2581, 0.2929
Android (android.graphics.Color)	4288863226 (0xFFA2DBFA)
YUV	205.4910, 21.9429, -38.1416
Hunter-Lab	80.7753, -14.3036, -16.8727

Details

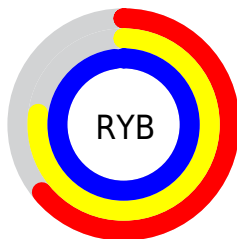
The Yxy color **65.2465, 0.2581, 0.2929** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.1045, 0.3855, 0.3622**, and the grayscale version is **61.2642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **33.5270, 0.2457, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **58.4063, 0.2435, 0.2806**, and if you desaturate by 10%, it is **72.8560, 0.2734, 0.3044**.

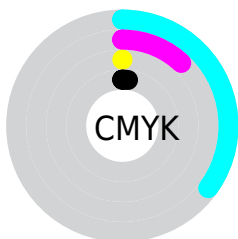
Distribution



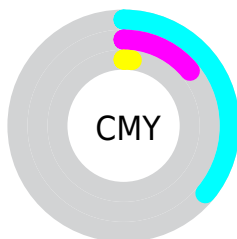
- Red (64%)
- Green (86%)
- Blue (98%)



- Red (64%)
- Yellow (77%)
- Blue (98%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)




- Cyan (36%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2465, 0.2581, 0.2929 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 65.2465, 0.2581, 0.2929 by changing the saturation by 10% instead.


 65.2465, 0.2581,
0.2929

 65.2465, 0.2581,
0.2929


443.6773, 0.2833,
0.3102

 47.6610, 0.2524,
0.2888


 112.4042, 0.2668,
0.2990

 33.5585, 0.2453,
0.2838


 142.7451, 0.2702,
0.3013

 22.5546, 0.2365,
0.2773


178.1067, 0.2732,
0.3033

 14.2650, 0.2250,
0.2687

218.8732, 0.2757,
0.3051

 8.3052, 0.2097,
0.2569

265.4292, 0.2780,
0.3066

 4.2909, 0.1881,
0.2396

318.1589, 0.2800,

 1.8376, 0.1564,

0.3079

0.2126

377.4468, 0.2817,
0.3091

0.5104, 0.0695,
0.1603

0.0000, 0.0000,
0.0000

65.2465, 0.2581,
0.2929

65.2465, 0.2581,
0.2929

58.4063, 0.2435,
0.2806

72.8560, 0.2734,
0.3044

52.2929, 0.2299,
0.2676

81.2592, 0.2891,
0.3149

46.8709, 0.2178,
0.2542

90.4886, 0.3047,
0.3244

42.0976, 0.2075,
0.2404

99.2114, 0.3156,
0.3331

■ 37.9238, 0.1993,
0.2267

■ 99.6832, 0.3156,
0.3338

■ 34.2899, 0.1932,
0.2133

■ 32.6936, 0.1908,
0.2069

Harmonies

Analogous

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



65.2465, 0.2603, 0.3152



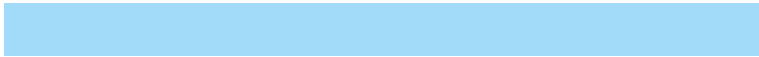
65.2465, 0.2581, 0.2929



65.2465, 0.2696, 0.2815

Triad

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



65.2465, 0.2581, 0.2929



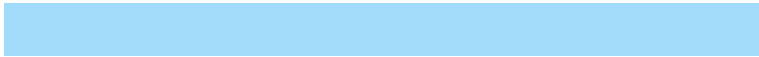
65.2465, 0.3501, 0.3143



65.2465, 0.3310, 0.3809

Complementary

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



65.2465, 0.2581, 0.2929



61.1045, 0.3855, 0.3622

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.



65.2465, 0.3564, 0.3779



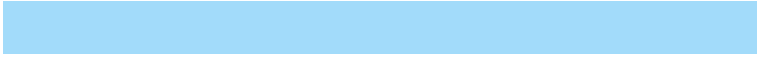
65.2465, 0.2581, 0.2929



65.2465, 0.3681, 0.3386

Square

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



65.2465, 0.2581, 0.2929



65.2465, 0.3220, 0.2941



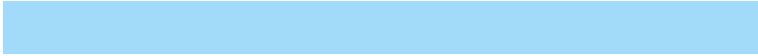
65.2465, 0.3703, 0.3619



65.2465, 0.3015, 0.3680

Rectangle

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



65.2465, 0.2581, 0.2929



65.2465, 0.2839, 0.2806



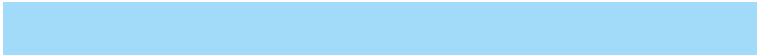
65.2465, 0.3703, 0.3619



65.2465, 0.3403, 0.3816

Sweetspot

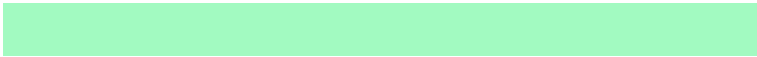
The Sweet Spot groups the original color and five complimentary colors.



65.2491, 0.2581, 0.2929



88.9136, 0.2956, 0.3190



79.9104, 0.2916, 0.3970



18.7546, 0.2935, 0.3177



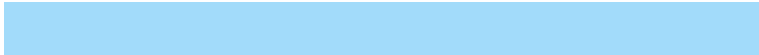
0.0000, 0.0000, 0.0000



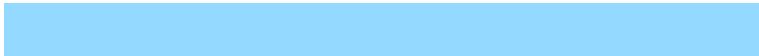
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2491, 0.2581, 0.2929



63.2534, 0.2480, 0.2846



45.3405, 0.2508, 0.2392



18.5182, 0.2980, 0.3204



17.6198, 0.1914, 0.2091



1.8312, 0.1959, 0.2250

Inverse Universe

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



51.2959, 0.3430, 0.2701



47.4304, 0.3510, 0.2587



83.4019, 0.3701, 0.4051



17.4145, 0.3192, 0.3138



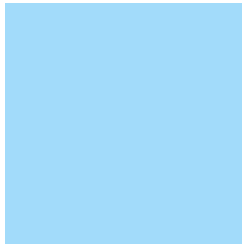
12.1896, 0.4351, 0.2171



1.1491, 0.4179, 0.2076

Previews

White Background



This preview shows how the Yxy color 65.2465, 0.2581, 0.2929 looks on a white background.

Color Contrast Check

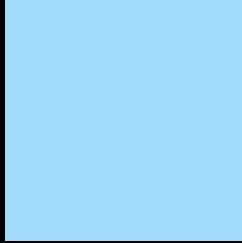
Large Text (above 18pt) WCAG AA × Fail

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 65.2465, 0.2581, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

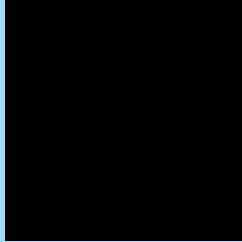
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2465, 0.2581, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 65.2465, 0.2581, 0.2929.

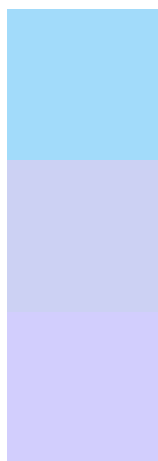


This preview shows how white text looks on a background with the Yxy color 65.2465, 0.2581, 0.2929.

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

65.2465, 0.2581, 0.2929

Protanopia

64.9094, 0.2868, 0.2914

Deuteranopia

64.9361, 0.2845, 0.2784



Tritanopia

65.3158, 0.2624, 0.3075

Trichromacy



Original Color

65.2465, 0.2581, 0.2929

Protanomaly

65.0611, 0.2754, 0.2918

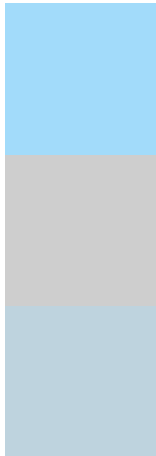
Deuteranomaly

64.9543, 0.2743, 0.2835

Tritanomaly

65.1310, 0.2607, 0.3018

Monochromacy



Original Color

65.2465, 0.2581, 0.2929

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.8096, 0.2904, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2465, 0.2581, 0.2929 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(162, 219, 250)` looks like.

```
.text, #text, p{  
    color:rgb(162, 219, 250)  
}
```

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(162, 219, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 219, 250) }
```

Border

The CSS property to change the border of an element to Yxy 65.2465, 0.2581, 0.2929 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(162, 219, 250) }
```

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

```
.border{ border-color:rgb(162, 219, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 219, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 219, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 219, 250);  
box-shadow:4px 4px 4px 4px rgb(162, 219,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2465, 0.2581, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 219, 250) }
```

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

```
.background{ background-color: rgb(162,  
219, 250) }
```

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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