

Converting Colors

$Yxy(65.7838, 0.2613, 0.2887)$

Have a look what the booklet for
Yxy(65.7838, 0.2613, 0.2887)
contains.

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Color

Yxy(65.8926, 0.2614, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	ABDAFD
RGB	171, 218, 253
RGB Percent	67%, 85%, 99%
CMY	0.3293, 0.1451, 0.0078
CMYK	0.32, 0.14, 0.00, 0.01
HSL	206°, 95%, 83%
HSV	206°, 32%, 99%
XYZ	59.5997, 65.8926, 102.5097
YIQ	207.9370, -39.2470, 0.9210

Conversions

Conversions Part 2

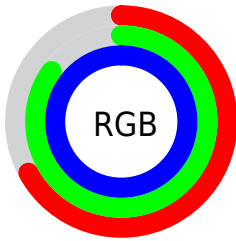
Format	Color
RYB	171, 201, 253
Decimal	11262717
CIELab	84.94, -7.13, -21.98
CIELCh	85, 23.110, 252.027
Yxy	65.8926, 0.2614, 0.2890
Android (android.graphics.Color)	4289452797 (0xFFABDAFD)
YUV	207.9370, 22.2161, -32.3937
Hunter-Lab	81.1743, -10.9967, -18.0515

Details

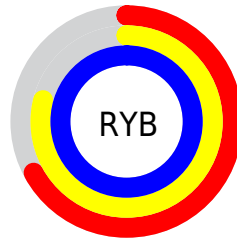
The Yxy color **65.8926, 0.2614, 0.2890** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.9834, 0.3762, 0.3657**, and the grayscale version is **62.9106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **33.8929, 0.2494, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **57.8982, 0.2458, 0.2742**, and if you desaturate by 10%, it is **74.8012, 0.2774, 0.3027**.

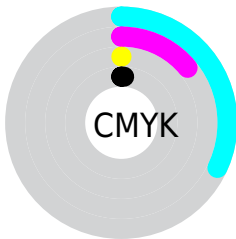
Distribution



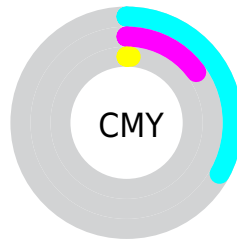
- Red (67%)
- Green (85%)
- Blue (99%)



- Red (67%)
- Yellow (79%)
- Blue (99%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8926, 0.2614, 0.2890 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 65.8926, 0.2614, 0.2890 by changing the saturation by 10% instead.

■ 65.8926, 0.2614,
0.2890

■ 65.8926, 0.2614,
0.2890

■ 445.9927, 0.2851,
0.3079

■ 48.1852, 0.2560,
0.2846

■ 113.3322, 0.2696,
0.2956

■ 33.9736, 0.2494,
0.2792

■ 143.8332, 0.2728,
0.2982

■ 22.8733, 0.2411,
0.2722

■ 179.3675, 0.2756,
0.3004

■ 14.5000, 0.2303,
0.2631

■ 220.3195, 0.2780,
0.3023

■ 8.4692, 0.2158,
0.2507

■ 267.0736, 0.2801,
0.3039

■ 4.3966, 0.1955,
0.2328

■ 320.0143, 0.2819,

■ 1.8978, 0.1655,

0.3054

0.2053

379.5258, 0.2836,
0.3067

0.5471, 0.0971,
0.1536

0.0000, 0.0000,
0.0000

65.8926, 0.2614,
0.2890

65.8926, 0.2614,
0.2890

57.8982, 0.2458,
0.2742

74.8012, 0.2774,
0.3027

50.7722, 0.2309,
0.2584

84.6517, 0.2934,
0.3152

44.4759, 0.2172,
0.2419

95.4797, 0.3090,
0.3265

38.9635, 0.2053,
0.2251

99.8722, 0.3139,
0.3309

■ 34.1830, 0.1954,
0.2083

■ 30.0730, 0.1878,
0.1919

■ 27.3331, 0.1833,
0.1799

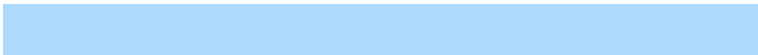
Harmonies

Analogous

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



65.8926, 0.2593, 0.3079



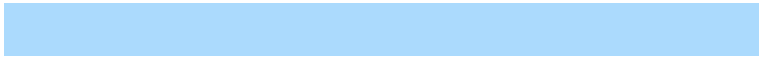
65.8926, 0.2614, 0.2890



65.8926, 0.2765, 0.2815

Triad

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



65.8926, 0.2614, 0.2890



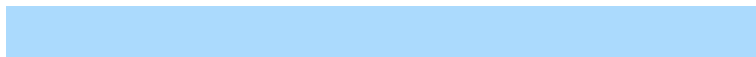
65.8926, 0.3561, 0.3218



65.8926, 0.3218, 0.3774

Complementary

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



65.8926, 0.2614, 0.2890



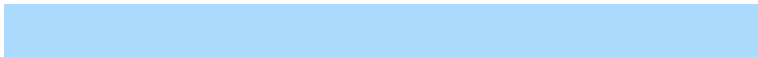
67.9834, 0.3762, 0.3657

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.



65.8926, 0.3487, 0.3793



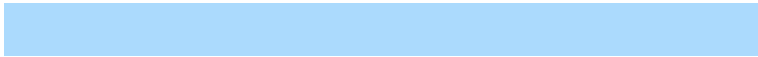
65.8926, 0.2614, 0.2890



65.8926, 0.3692, 0.3459

Square

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



65.8926, 0.2614, 0.2890



65.8926, 0.3309, 0.3003



65.8926, 0.3663, 0.3671



65.8926, 0.2933, 0.3605

Rectangle

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



65.8926, 0.2614, 0.2890



65.8926, 0.2924, 0.2831



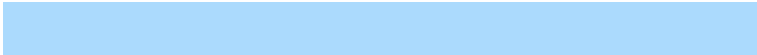
65.8926, 0.3663, 0.3671



65.8926, 0.3313, 0.3797

Sweetspot

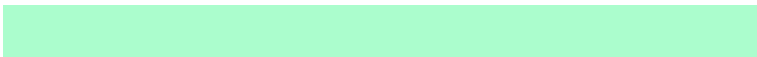
The Sweet Spot groups the original color and five complimentary colors.



65.8952, 0.2614, 0.2890



88.7286, 0.2972, 0.3180



83.3318, 0.2903, 0.3841



18.6699, 0.2949, 0.3164



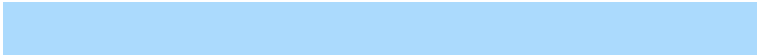
0.0000, 0.0000, 0.0000



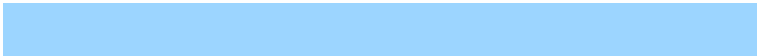
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8952, 0.2614, 0.2890



61.5970, 0.2510, 0.2793



47.5370, 0.2554, 0.2408



19.1060, 0.2979, 0.3186



14.8346, 0.1840, 0.1825



1.6612, 0.1891, 0.2007

Inverse Universe

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



55.0811, 0.3452, 0.2807



49.6666, 0.3543, 0.2707



89.8427, 0.3637, 0.4041



18.1616, 0.3204, 0.3155



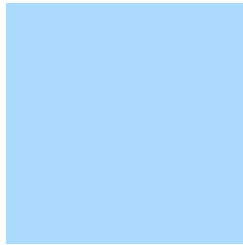
12.2255, 0.4656, 0.2339



1.2122, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 65.8926, 0.2614, 0.2890 looks on a white background.

Color Contrast Check

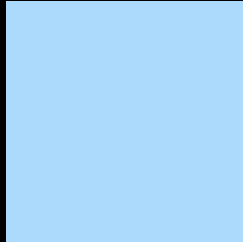
Large Text (above 18pt) WCAG AA × Fail

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 65.8926, 0.2614, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

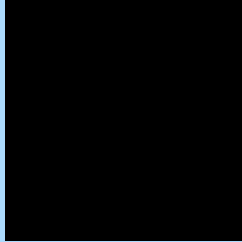
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

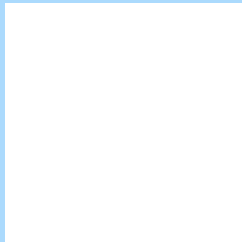
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8926, 0.2614, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 65.8926, 0.2614, 0.2890.



This preview shows how white text looks on a background with the Yxy color 65.8926, 0.2614, 0.2890.

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

65.8926, 0.2614, 0.2890

Protanopia

65.6460, 0.2844, 0.2884

Deuteranopia

65.5473, 0.2834, 0.2775



Tritanopia

66.2108, 0.2680, 0.3090

Trichromacy



Original Color

65.8926, 0.2614, 0.2890

Protanomaly

65.6345, 0.2756, 0.2888

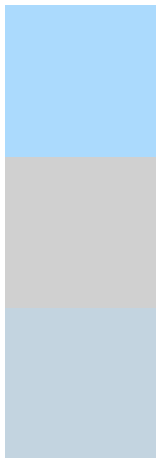
Deuteranomaly

65.4801, 0.2751, 0.2817

Tritanomaly

66.0925, 0.2658, 0.3022

Monochromacy



Original Color

65.8926, 0.2614, 0.2890

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0709, 0.2927, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8926, 0.2614, 0.2890 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(171, 218, 253)` looks like.

```
.text, #text, p{  
    color:rgb(171, 218, 253)  
}
```

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(171, 218, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 218, 253) }
```

Border

The CSS property to change the border of an element to Yxy 65.8926, 0.2614, 0.2890 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(171, 218, 253) }
```

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

```
.border{ border-color:rgb(171, 218, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 218, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 218, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 218, 253); box-shadow:4px 4px 4px 4px rgb(171, 218, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8926, 0.2614, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 218, 253) }
```

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

```
.background{ background-color: rgb(171,  
218, 253) }
```

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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