

Converting Colors

$Yxy(65.6807, 0.2671, 0.2976)$

Have a look what the booklet for
Yxy(65.6807, 0.2671, 0.2976)
contains.

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Color

Yxy(65.7341, 0.2674, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	AEDAF5
RGB	174, 218, 245
RGB Percent	68%, 85%, 96%
CMY	0.3173, 0.1452, 0.0392
CMYK	0.29, 0.11, 0.00, 0.04
HSL	203°, 78%, 82%
HSV	203°, 29%, 96%
XYZ	59.0238, 65.7341, 95.9744
YIQ	207.9220, -34.8910, -0.9310

Conversions

Conversions Part 2

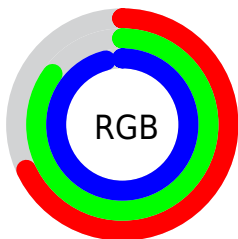
Format	Color
RYB	174, 201, 245
Decimal	11459317
CIELab	84.86, -8.16, -17.86
CIELCh	85, 19.642, 245.437
Yxy	65.7341, 0.2674, 0.2978
Android (android.graphics.Color)	4289649397 (0xFFAEDAF5)
YUV	207.9220, 18.2795, -29.7496
Hunter-Lab	81.0766, -11.9358, -13.4310

Details

The Yxy color **65.7341, 0.2674, 0.2978** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.3026, 0.3689, 0.3582**, and the grayscale version is **62.9314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **33.8616, 0.2567, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **58.4660, 0.2520, 0.2850**, and if you desaturate by 10%, it is **73.7937, 0.2831, 0.3096**.

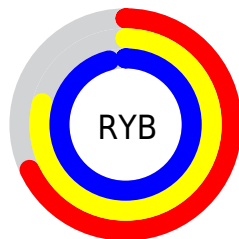
Distribution



Red (68%)

Green (85%)

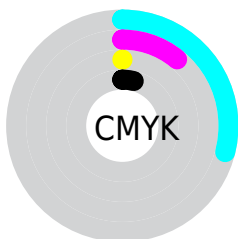
Blue (96%)



Red (68%)

Yellow (79%)

Blue (96%)

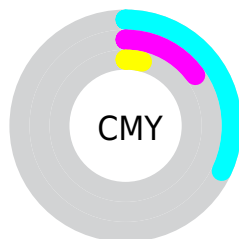


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7341, 0.2674, 0.2978 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 65.7341, 0.2674, 0.2978 by changing the saturation by 10% instead.

■ 65.7341, 0.2674,
0.2978

■ 65.7341, 0.2674,
0.2978

445.4253, 0.2884,
0.3127

■ 48.0566, 0.2626,
0.2943

■ 113.1046, 0.2747,
0.3030

■ 33.8717, 0.2567,
0.2900

143.5664, 0.2775,
0.3050

■ 22.7951, 0.2492,
0.2844

179.0584, 0.2800,
0.3068

■ 14.4422, 0.2395,
0.2771

219.9650, 0.2821,
0.3083

■ 8.4289, 0.2263,
0.2669

266.6706, 0.2840,
0.3096

■ 4.3706, 0.2077,
0.2519

319.5596, 0.2856,

■ 1.8830, 0.1794,

0.3107

0.2283

379.0164, 0.2871,
0.3117

0.5381, 0.1050,
0.1810

0.0000, 0.0000,
0.0000

65.7341, 0.2674,
0.2978

65.7341, 0.2674,
0.2978

58.4660, 0.2520,
0.2850

73.7937, 0.2831,
0.3096

51.9490, 0.2374,
0.2714

82.6669, 0.2988,
0.3203

46.1508, 0.2240,
0.2570

92.3849, 0.3143,
0.3300

41.0324, 0.2121,
0.2423

99.3735, 0.3185,
0.3386

■ 36.5504, 0.2021,
0.2273

■ 32.6538, 0.1943,
0.2125

■ 29.2689, 0.1885,
0.1982

■ 28.9333, 0.1880,
0.1967

Harmonies

Analogous

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



65.7341, 0.2682, 0.3158



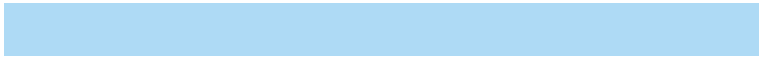
65.7341, 0.2674, 0.2978



65.7341, 0.2781, 0.2889

Triad

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



65.7341, 0.2674, 0.2978



65.7341, 0.3455, 0.3186



65.7341, 0.3260, 0.3714

Complementary

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



65.7341, 0.2674, 0.2978



64.3026, 0.3689, 0.3582

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.



65.7341, 0.3476, 0.3704



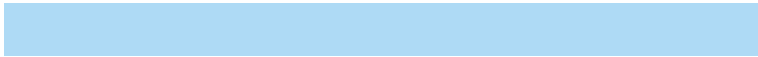
65.7341, 0.2674, 0.2978



65.7341, 0.3593, 0.3392

Square

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



65.7341, 0.2674, 0.2978



65.7341, 0.3229, 0.3010



65.7341, 0.3600, 0.3582



65.7341, 0.3014, 0.3596

Rectangle

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



65.7341, 0.2674, 0.2978



65.7341, 0.2907, 0.2887



65.7341, 0.3600, 0.3582



65.7341, 0.3338, 0.3725

Sweetspot

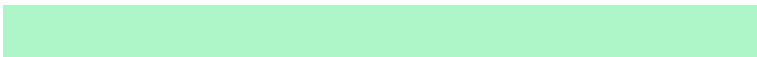
The Sweet Spot groups the original color and five complimentary colors.



65.7367, 0.2674, 0.2978



90.4502, 0.2987, 0.3202



78.4972, 0.2944, 0.3816



19.0449, 0.2965, 0.3187



0.0000, 0.0000, 0.0000



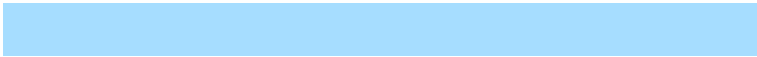
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7367, 0.2674, 0.2978



67.0060, 0.2579, 0.2901



49.6937, 0.2629, 0.2562



17.6350, 0.2980, 0.3198



15.8606, 0.1886, 0.1990



1.5920, 0.1936, 0.2170

Inverse Universe

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



54.7818, 0.3380, 0.2828



53.6614, 0.3451, 0.2728



82.2114, 0.3590, 0.3926



16.6550, 0.3197, 0.3145



11.7005, 0.4464, 0.2233



1.0484, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 65.7341, 0.2674, 0.2978 looks on a white background.

Color Contrast Check

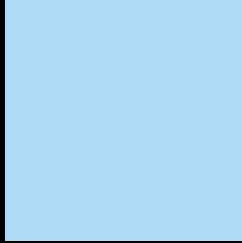
Large Text (above 18pt) WCAG AA × Fail

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 65.7341, 0.2674, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

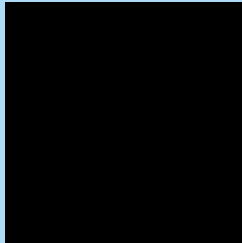
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

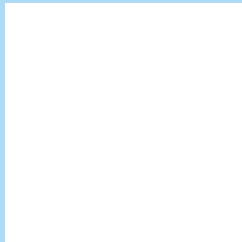
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7341, 0.2674, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 65.7341, 0.2674, 0.2978.



This preview shows how white text looks on a background with the Yxy color 65.7341, 0.2674, 0.2978.

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

65.7341, 0.2674, 0.2978

Protanopia

65.6499, 0.2907, 0.2959

Deuteranopia

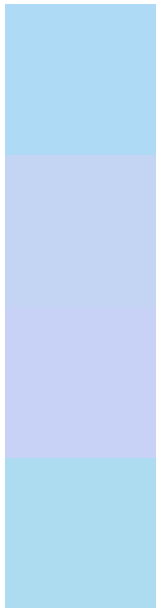
65.1542, 0.2910, 0.2848



Tritanopia

65.5481, 0.2707, 0.3079

Trichromacy



Original Color

65.7341, 0.2674, 0.2978

Protanomaly

65.6014, 0.2816, 0.2964

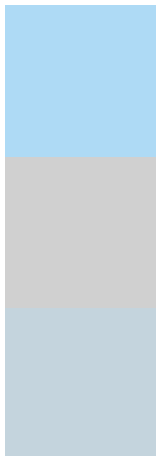
Deuteranomaly

64.8891, 0.2817, 0.2890

Tritanomaly

65.8385, 0.2696, 0.3045

Monochromacy



Original Color

65.7341, 0.2674, 0.2978

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0432, 0.2953, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7341, 0.2674, 0.2978 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(174, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 245)  
}
```

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(174, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 245) }
```

Border

The CSS property to change the border of an element to Yxy 65.7341, 0.2674, 0.2978 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(174, 218, 245) }
```

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

```
.border{ border-color:rgb(174, 218, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 218, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 218, 245); box-shadow:4px 4px 4px 4px rgb(174, 218, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7341, 0.2674, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 245) }
```

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

```
.background{ background-color: rgb(174,  
218, 245) }
```

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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