

Converting Colors

Yxy(65.3682, 0.2651, 0.2944)

Have a look what the booklet for
Yxy(65.3682, 0.2651, 0.2944)
contains.

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Color

Yxy(65.1118, 0.2650, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	ACD9F7
RGB	172, 217, 247
RGB Percent	67%, 85%, 97%
CMY	0.3255, 0.1490, 0.0315
CMYK	0.30, 0.12, 0.00, 0.03
HSL	204°, 82%, 82%
HSV	204°, 30%, 97%
XYZ	58.6095, 65.1118, 97.4465
YIQ	206.9650, -36.4500, -0.2100

Conversions

Conversions Part 2

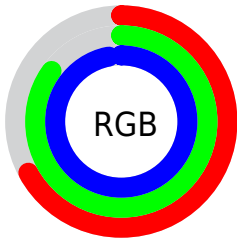
Format	Color
RYB	172, 200, 247
Decimal	11327991
CIELab	84.54, -7.79, -19.39
CIELCh	85, 20.896, 248.114
Yxy	65.1118, 0.2650, 0.2944
Android (android.graphics.Color)	4289518071 (0xFFACD9F7)
YUV	206.9650, 19.7373, -30.6643
Hunter-Lab	80.6919, -11.5597, -15.1165

Details

The Yxy color **65.1118, 0.2650, 0.2944** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9666, 0.3719, 0.3611**, and the grayscale version is **62.2615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **33.4538, 0.2537, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **57.6382, 0.2495, 0.2808**, and if you desaturate by 10%, it is **73.4141, 0.2808, 0.3069**.

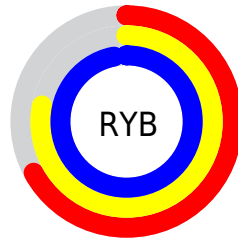
Distribution



Red (67%)

Green (85%)

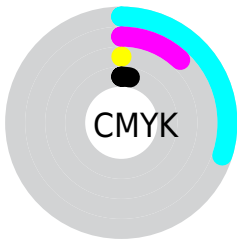
Blue (97%)



Red (67%)

Yellow (78%)

Blue (97%)

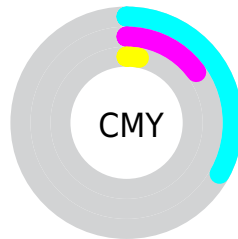


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1118, 0.2650, 0.2944 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 65.1118, 0.2650, 0.2944 by changing the saturation by 10% instead.

■ 65.1118, 0.2650,
0.2944

■ 65.1118, 0.2650,
0.2944

443.1936, 0.2871,
0.3109

■ 47.5517, 0.2600,
0.2906

■ 112.2106, 0.2727,
0.3002

■ 33.4720, 0.2537,
0.2858

142.5181, 0.2757,
0.3024

■ 22.4883, 0.2459,
0.2796

177.8435, 0.2782,
0.3043

■ 14.2161, 0.2356,
0.2715

218.5713, 0.2805,
0.3060

■ 8.2711, 0.2218,
0.2603

265.0858, 0.2824,
0.3074

■ 4.2689, 0.2023,
0.2440

317.7714, 0.2842,

■ 1.8251, 0.1728,

0.3087

0.2183

377.0126, 0.2857,
0.3098

0.5028, 0.0949,
0.1659

0.0000, 0.0000,
0.0000

65.1118, 0.2650,
0.2944

65.1118, 0.2650,
0.2944

57.6382, 0.2495,
0.2808

73.4141, 0.2808,
0.3069

50.9514, 0.2348,
0.2663

82.5689, 0.2966,
0.3184

45.0170, 0.2213,
0.2511

92.6088, 0.3122,
0.3287

39.7940, 0.2094,
0.2355

99.4934, 0.3174,
0.3367

■ 35.2364, 0.1994,
0.2198

■ 31.2899, 0.1917,
0.2044

■ 27.9810, 0.1861,
0.1899

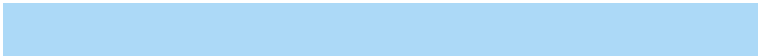
Harmonies

Analogous

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



65.1118, 0.2648, 0.3128



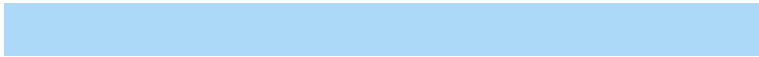
65.1118, 0.2650, 0.2944



65.1118, 0.2774, 0.2860

Triad

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



65.1118, 0.2650, 0.2944



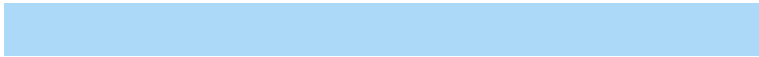
65.1118, 0.3496, 0.3198



65.1118, 0.3245, 0.3737

Complementary

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



65.1118, 0.2650, 0.2944



64.9666, 0.3719, 0.3611

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.



65.1118, 0.3481, 0.3738



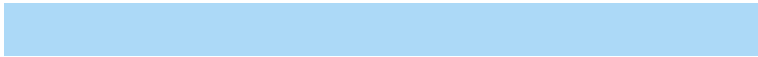
65.1118, 0.2650, 0.2944



65.1118, 0.3632, 0.3417

Square

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



65.1118, 0.2650, 0.2944



65.1118, 0.3259, 0.3006



65.1118, 0.3626, 0.3616



65.1118, 0.2983, 0.3601

Rectangle

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



65.1118, 0.2650, 0.2944



65.1118, 0.2912, 0.2864



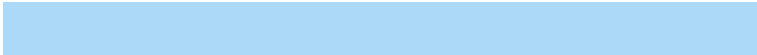
65.1118, 0.3626, 0.3616



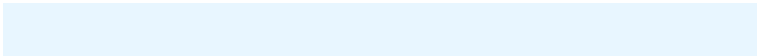
65.1118, 0.3330, 0.3753

Sweetspot

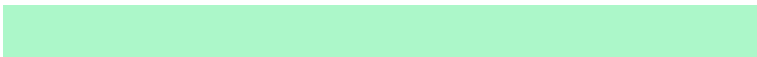
The Sweet Spot groups the original color and five complimentary colors.



65.1144, 0.2650, 0.2944



90.1919, 0.2987, 0.3198



79.4763, 0.2929, 0.3830



18.9811, 0.2964, 0.3182



0.0000, 0.0000, 0.0000



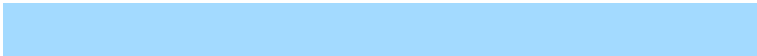
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1144, 0.2650, 0.2944



65.3351, 0.2561, 0.2868



48.4276, 0.2600, 0.2504



17.5819, 0.2980, 0.3193



15.0881, 0.1868, 0.1924



1.5268, 0.1920, 0.2113

Inverse Universe

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



54.2826, 0.3408, 0.2819



52.6040, 0.3478, 0.2728



84.0241, 0.3611, 0.3970



16.6496, 0.3199, 0.3149



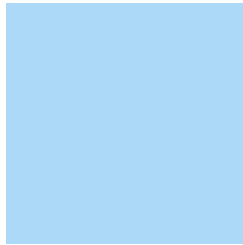
11.6225, 0.4540, 0.2274



1.0418, 0.4327, 0.2157

Previews

White Background



This preview shows how the Yxy color 65.1118, 0.2650, 0.2944 looks on a white background.

Color Contrast Check

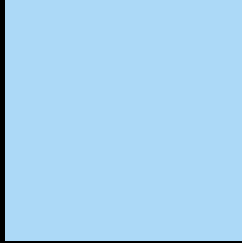
Large Text (above 18pt) WCAG AA × Fail

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 65.1118, 0.2650, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

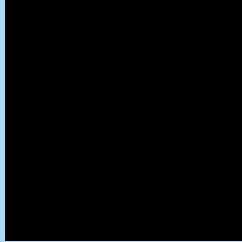
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

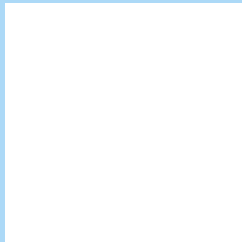
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1118, 0.2650, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 65.1118, 0.2650, 0.2944.



This preview shows how white text looks on a background with the Yxy color 65.1118, 0.2650, 0.2944.

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

65.1118, 0.2650, 0.2944

Protanopia

64.9909, 0.2881, 0.2925

Deuteranopia

64.9792, 0.2884, 0.2826



Tritanopia

65.2652, 0.2700, 0.3089

Trichromacy



Original Color

65.1118, 0.2650, 0.2944

Protanomaly

64.9561, 0.2791, 0.2930

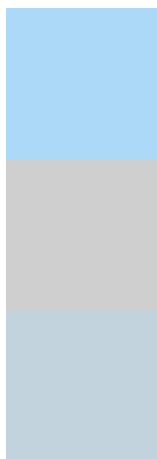
Deuteranomaly

64.7408, 0.2792, 0.2868

Tritanomaly

65.0920, 0.2683, 0.3032

Monochromacy



Original Color

65.1118, 0.2650, 0.2944

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3318, 0.2932, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1118, 0.2650, 0.2944 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(172, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(172, 217, 247)  
}
```

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(172, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 217, 247) }
```

Border

The CSS property to change the border of an element to Yxy 65.1118, 0.2650, 0.2944 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(172, 217, 247) }
```

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

```
.border{ border-color:rgb(172, 217, 247) }
```

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

Here you see how a box with a 4 pixel rgb(172, 217, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(172, 217,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1118, 0.2650, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 217, 247) }
```

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

```
.background{ background-color: rgb(172,  
217, 247) }
```

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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