

Converting Colors

$Yxy(69.2993, 0.2683, 0.2983)$

Have a look what the booklet for
Yxy(69.2993, 0.2683, 0.2983)
contains.

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Color

Yxy(69.2612, 0.2682, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	B3DFFA
RGB	179, 223, 250
RGB Percent	70%, 87%, 98%
CMY	0.2981, 0.1255, 0.0196
CMYK	0.28, 0.11, 0.00, 0.02
HSL	203°, 88%, 84%
HSV	203°, 28%, 98%
XYZ	62.2307, 69.2612, 100.5390
YIQ	212.9220, -34.8910, -0.9310

Conversions

Conversions Part 2

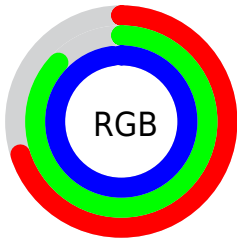
Format	Color
R _Y B	179, 206, 250
Decimal	11788282
CIE Lab	86.63, -8.22, -17.80
CIE LCh	87, 19.605, 245.225
Yxy	69.2612, 0.2682, 0.2985
Android (android.graphics.Color)	4289978362 (0xFFB3DFFA)
YUV	212.9220, 18.2795, -29.7496
Hunter-Lab	83.2233, -12.1665, -13.3697

Details

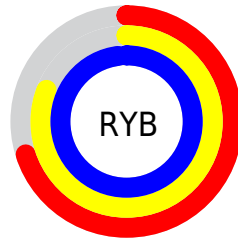
The Yxy color **69.2612, 0.2682, 0.2985** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.7143, 0.3677, 0.3576**, and the grayscale version is **66.3772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **36.1406, 0.2579, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **61.6133, 0.2528, 0.2858**, and if you desaturate by 10%, it is **77.7398, 0.2839, 0.3102**.

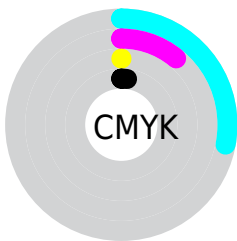
Distribution



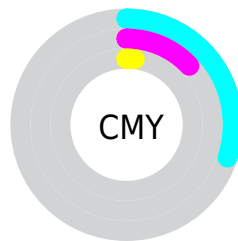
- Red (70%)
- Green (87%)
- Blue (98%)



- Red (70%)
- Yellow (81%)
- Blue (98%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)




- Cyan (30%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2612, 0.2682, 0.2985 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 69.2612, 0.2682, 0.2985 by changing the saturation by 10% instead.


 69.2612, 0.2682,
0.2985

 69.2612, 0.2682,
0.2985


457.9517, 0.2887,
0.3129

 50.9245, 0.2636,
0.2952


 118.1546, 0.2753,
0.3035

 36.1485, 0.2579,
0.2910


149.4800, 0.2780,
0.3055

 24.5489, 0.2507,
0.2857


185.9038, 0.2804,
0.3072

 15.7413, 0.2415,
0.2788

227.8103, 0.2825,
0.3086

 9.3413, 0.2291,
0.2692

275.5839, 0.2843,
0.3099

 4.9644, 0.2116,
0.2554

329.6091, 0.2859,

 2.2264, 0.1855,

0.3110

0.2338

390.2702, 0.2874,
0.3120

0.7343, 0.1334,
0.1969

0.0000, 0.0000,
0.0000

69.2612, 0.2682,
0.2985

69.2612, 0.2682,
0.2985

61.6133, 0.2528,
0.2858

77.7398, 0.2839,
0.3102

54.7539, 0.2381,
0.2722

87.0722, 0.2997,
0.3209

48.6490, 0.2246,
0.2579

97.2909, 0.3151,
0.3305

43.2583, 0.2126,
0.2432

99.6828, 0.3156,
0.3338

■ 38.5362, 0.2026,
0.2283

■ 34.4298, 0.1947,
0.2135

■ 30.8663, 0.1889,
0.1991

■ 30.3349, 0.1880,
0.1969

Harmonies

Analogous

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



69.2612, 0.2691, 0.3162



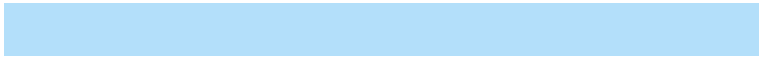
69.2612, 0.2682, 0.2985



69.2612, 0.2786, 0.2896

Triad

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



69.2612, 0.2682, 0.2985



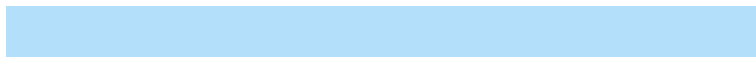
69.2612, 0.3448, 0.3187



69.2612, 0.3259, 0.3706

Complementary

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



69.2612, 0.2682, 0.2985



67.7143, 0.3677, 0.3576

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.



69.2612, 0.3470, 0.3696



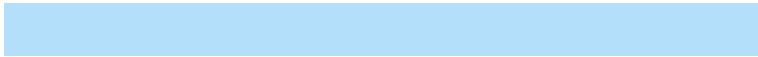
69.2612, 0.2682, 0.2985



69.2612, 0.3584, 0.3389

Square

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



69.2612, 0.2682, 0.2985



69.2612, 0.3225, 0.3014



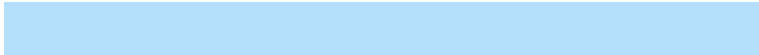
69.2612, 0.3592, 0.3576



69.2612, 0.3018, 0.3591

Rectangle

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



69.2612, 0.2682, 0.2985



69.2612, 0.2909, 0.2894



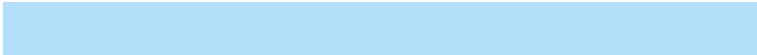
69.2612, 0.3592, 0.3576



69.2612, 0.3336, 0.3716

Sweetspot

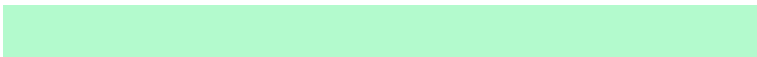
The Sweet Spot groups the original color and five complimentary colors.



69.2640, 0.2682, 0.2985



90.4634, 0.2987, 0.3203



82.3682, 0.2947, 0.3805



19.0481, 0.2965, 0.3188



0.0000, 0.0000, 0.0000



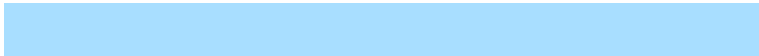
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2640, 0.2682, 0.2985



67.8419, 0.2595, 0.2915



52.6437, 0.2639, 0.2576



18.4352, 0.2980, 0.3198



16.3755, 0.1887, 0.1992



1.7211, 0.1934, 0.2164

Inverse Universe

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



57.8865, 0.3374, 0.2836



54.6523, 0.3438, 0.2743



86.2185, 0.3582, 0.3915



17.4061, 0.3197, 0.3144



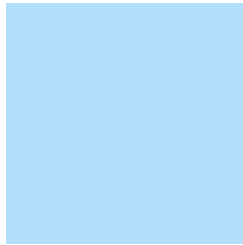
12.0640, 0.4462, 0.2232



1.1380, 0.4271, 0.2127

Previews

White Background



This preview shows how the Yxy color 69.2612, 0.2682, 0.2985 looks on a white background.

Color Contrast Check

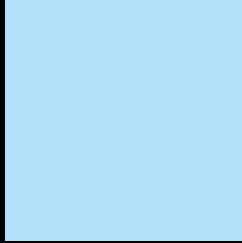
Large Text (above 18pt) WCAG AA × Fail

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 69.2612, 0.2682, 0.2985 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

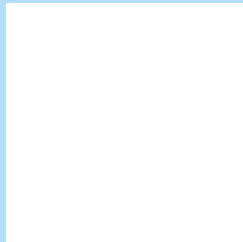
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2612, 0.2682, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 69.2612, 0.2682, 0.2985.



This preview shows how white text looks on a background with the Yxy color 69.2612, 0.2682, 0.2985.

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

69.2612, 0.2682, 0.2985

Protanopia

69.1905, 0.2912, 0.2966

Deuteranopia

68.8325, 0.2922, 0.2857



Tritanopia

69.0692, 0.2715, 0.3083

Trichromacy



Original Color

69.2612, 0.2682, 0.2985

Protanomaly

69.1376, 0.2823, 0.2971

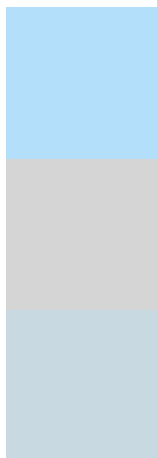
Deuteranomaly

68.5450, 0.2829, 0.2899

Tritanomaly

69.3689, 0.2704, 0.3051

Monochromacy



Original Color

69.2612, 0.2682, 0.2985

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.5342, 0.2956, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2612, 0.2682, 0.2985 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(179, 223, 250)` looks like.

```
.text, #text, p{  
    color:rgb(179, 223, 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(179, 223, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 223, 250) }
```

Border

The CSS property to change the border of an element to Yxy 69.2612, 0.2682, 0.2985 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(179, 223, 250) }
```

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

```
.border{ border-color:rgb(179, 223, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 223, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(179, 223,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2612, 0.2682, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 223, 250) }
```

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

```
.background{ background-color: rgb(179,  
223, 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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