

Converting Colors

$Yxy(69.2527, 0.2680, 0.2915)$

Have a look what the booklet for
Yxy(69.2527, 0.2680, 0.2915)
contains.

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Color

Yxy(69.1232, 0.2682, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDFF
RGB	184, 221, 255
RGB Percent	72%, 87%, 100%
CMY	0.2786, 0.1333, 0.0000
CMYK	0.28, 0.13, 0.00, 0.00
HSL	209°, 100%, 86%
HSV	209°, 28%, 100%
XYZ	63.6636, 69.1232, 104.5868
YIQ	213.8130, -32.9660, 2.7300

Conversions

Conversions Part 2

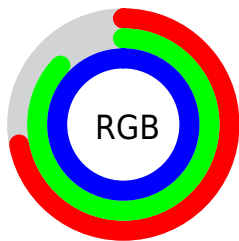
Format	Color
RYB	184, 208, 255
Decimal	12115455
CIELab	86.57, -4.61, -20.50
CIELCh	87, 21.011, 257.313
Yxy	69.1232, 0.2682, 0.2912
Android (android.graphics.Color)	4290305535 (0xFFB8DDFF)
YUV	213.8130, 20.3052, -26.1460
Hunter-Lab	83.1404, -8.8117, -16.3859

Details

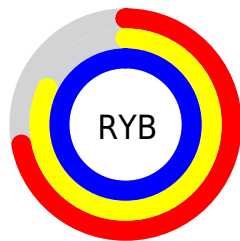
The Yxy color **69.1232, 0.2682, 0.2912** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.8234, 0.3645, 0.3640**, and the grayscale version is **66.9864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **36.0168, 0.2578, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **60.0481, 0.2519, 0.2750**, and if you desaturate by 10%, it is **79.2391, 0.2845, 0.3060**.

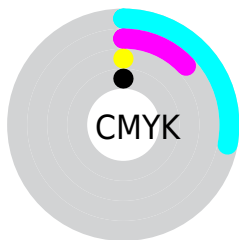
Distribution



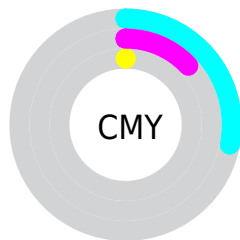
- Red (72%)
- Green (87%)
- Blue (100%)



- Red (72%)
- Yellow (82%)
- Blue (100%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1232, 0.2682, 0.2912 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 69.1232, 0.2682, 0.2912 by changing the saturation by 10% instead.

■ 69.1232, 0.2682,
0.2912

■ 69.1232, 0.2682,
0.2912

457.4654, 0.2887,
0.3088

■ 50.8121, 0.2636,
0.2872

■ 117.9575, 0.2753,
0.2973

■ 36.0591, 0.2579,
0.2822

149.2495, 0.2780,
0.2997

■ 24.4798, 0.2507,
0.2758

185.6372, 0.2804,
0.3018

■ 15.6899, 0.2415,
0.2676

227.5050, 0.2825,
0.3036

■ 9.3050, 0.2291,
0.2564

275.2373, 0.2843,
0.3051

■ 4.9407, 0.2117,
0.2404

329.2186, 0.2859,

■ 2.2125, 0.1857,

0.3065

0.2160

389.8331, 0.2874,
0.3077

0.7268, 0.1390,
0.1748

0.0000, 0.0000,
0.0000

69.1232, 0.2682,
0.2912

69.1232, 0.2682,
0.2912

60.0481, 0.2519,
0.2750

79.2391, 0.2845,
0.3060

51.9653, 0.2360,
0.2577

90.4254, 0.3005,
0.3194

44.8338, 0.2210,
0.2394

99.9995, 0.3127,
0.3290

38.6060, 0.2075,
0.2205

■ 33.2289, 0.1959,
0.2016

■ 28.6411, 0.1865,
0.1831

■ 24.7643, 0.1796,
0.1655

■ 24.0049, 0.1783,
0.1619

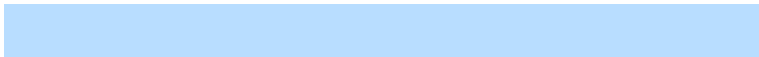
Harmonies

Analogous

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



69.1232, 0.2642, 0.3066



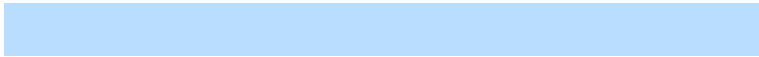
69.1232, 0.2682, 0.2912



69.1232, 0.2837, 0.2862

Triad

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



69.1232, 0.2682, 0.2912



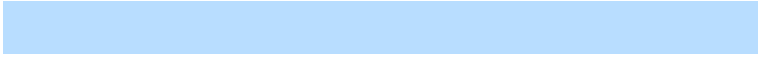
69.1232, 0.3545, 0.3265



69.1232, 0.3163, 0.3703

Complementary

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



69.1232, 0.2682, 0.2912



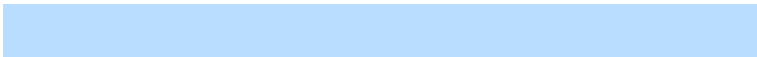
74.8234, 0.3645, 0.3640

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.



69.1232, 0.3412, 0.3746



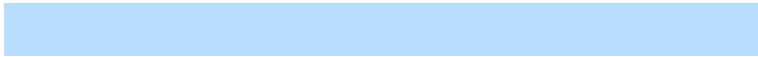
69.1232, 0.2682, 0.2912



69.1232, 0.3638, 0.3481

Square

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



69.1232, 0.2682, 0.2912



69.1232, 0.3335, 0.3063



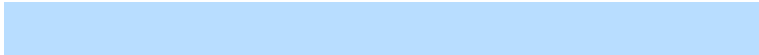
69.1232, 0.3588, 0.3659



69.1232, 0.2913, 0.3533

Rectangle

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



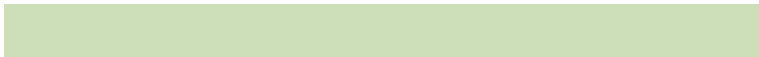
69.1232, 0.2682, 0.2912



69.1232, 0.2989, 0.2888



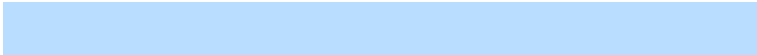
69.1232, 0.3588, 0.3659



69.1232, 0.3250, 0.3733

Sweetspot

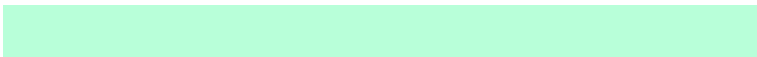
The Sweet Spot groups the original color and five complimentary colors.



69.1260, 0.2682, 0.2912



90.2663, 0.3003, 0.3193



86.7150, 0.2913, 0.3712



18.9460, 0.2979, 0.3173



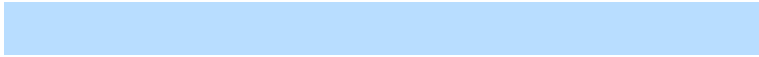
0.0000, 0.0000, 0.0000



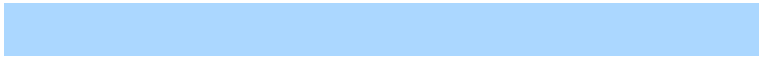
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1260, 0.2682, 0.2912



64.3367, 0.2598, 0.2830



52.6576, 0.2640, 0.2508



18.9460, 0.2979, 0.3173



12.8451, 0.1791, 0.1647



1.4696, 0.1846, 0.1847

Inverse Universe

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



60.7416, 0.3425, 0.2913



55.2228, 0.3498, 0.2840



94.7310, 0.3556, 0.3968



18.1454, 0.3212, 0.3167



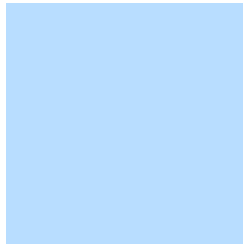
12.0247, 0.4872, 0.2458



1.1929, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 69.1232, 0.2682, 0.2912 looks on a white background.

Color Contrast Check

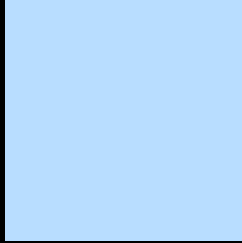
Large Text (above 18pt) WCAG AA × Fail

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 69.1232, 0.2682, 0.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

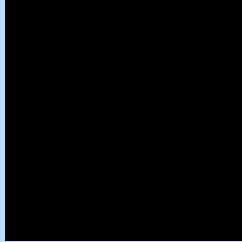
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

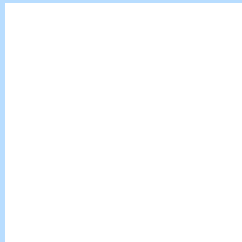
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1232, 0.2682, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 69.1232, 0.2682, 0.2912.



This preview shows how white text looks on a background with the Yxy color 69.1232, 0.2682, 0.2912.

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

69.1232, 0.2682, 0.2912

Protanopia

68.7598, 0.2862, 0.2892

Deuteranopia

68.5602, 0.2883, 0.2825



Tritanopia

68.9500, 0.2743, 0.3084

Trichromacy



Original Color

69.1232, 0.2682, 0.2912

Protanomaly

69.0715, 0.2799, 0.2909

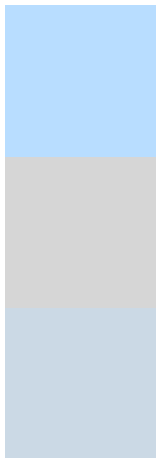
Deuteranomaly

68.8000, 0.2806, 0.2859

Tritanomaly

68.8415, 0.2720, 0.3018

Monochromacy



Original Color

69.1232, 0.2682, 0.2912

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9794, 0.2951, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1232, 0.2682, 0.2912 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(184, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 255)  
}
```

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(184, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.1232, 0.2682, 0.2912 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(184, 221, 255) }
```

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

```
.border{ border-color:rgb(184, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1232, 0.2682, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 255) }
```

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

```
.background{ background-color: rgb(184,  
221, 255) }
```

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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