

Converting Colors

$Yxy(68.7697, 0.2651, 0.2915)$

Have a look what the booklet for
Yxy(68.7697, 0.2651, 0.2915)
contains.

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Color

Yxy(69.0463, 0.2654, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	B3DEFF
RGB	179, 222, 255
RGB Percent	70%, 87%, 100%
CMY	0.2982, 0.1294, 0.0000
CMYK	0.30, 0.13, 0.00, 0.00
HSL	206°, 100%, 85%
HSV	206°, 30%, 100%
XYZ	62.7565, 69.0463, 104.6572
YIQ	212.9050, -36.2210, 1.1470

Conversions

Conversions Part 2

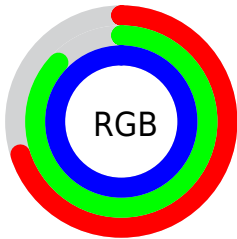
Format	Color
R _Y B	179, 206, 255
Decimal	11788031
CIE Lab	86.53, -6.54, -20.61
CIE LCh	87, 21.620, 252.397
Yxy	69.0463, 0.2654, 0.2920
Android (android.graphics.Color)	4289978111 (0xFFB3DEFF)
YUV	212.9050, 20.7528, -29.7347
Hunter-Lab	83.0941, -10.6033, -16.5100

Details

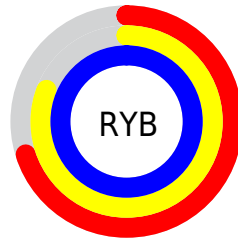
The Yxy color **69.0463, 0.2654, 0.2920** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5663, 0.3699, 0.3632**, and the grayscale version is **66.3430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **35.9997, 0.2545, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **60.6008, 0.2496, 0.2772**, and if you desaturate by 10%, it is **78.4398, 0.2815, 0.3057**.

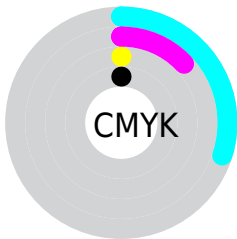
Distribution



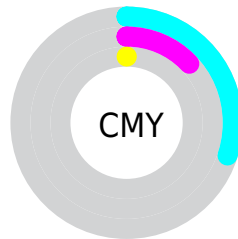
- Red (70%)
- Green (87%)
- Blue (100%)



- Red (70%)
- Yellow (81%)
- Blue (100%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0463, 0.2654, 0.2920 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 69.0463, 0.2654, 0.2920 by changing the saturation by 10% instead.

■ 69.0463, 0.2654,
0.2920

■ 69.0463, 0.2654,
0.2920

457.1943, 0.2871,
0.3093

■ 50.7494, 0.2605,
0.2880

■ 117.8477, 0.2729,
0.2980

■ 36.0092, 0.2545,
0.2831

149.1210, 0.2758,
0.3004

■ 24.4413, 0.2469,
0.2768

185.4886, 0.2783,
0.3024

■ 15.6613, 0.2372,
0.2686

227.3348, 0.2806,
0.3042

■ 9.2848, 0.2241,
0.2574

275.0441, 0.2825,
0.3057

■ 4.9274, 0.2058,
0.2415

329.0009, 0.2842,

■ 2.2047, 0.1787,

0.3071

0.2170

389.5894, 0.2857,
0.3083

0.7226, 0.1283,
0.1758

0.0000, 0.0000,
0.0000

69.0463, 0.2654,
0.2920

69.0463, 0.2654,
0.2920

60.6008, 0.2496,
0.2772

78.4398, 0.2815,
0.3057

53.0637, 0.2344,
0.2614

88.8158, 0.2974,
0.3181

46.3939, 0.2203,
0.2448

100.0000, 0.3127,
0.3290

40.5456, 0.2077,
0.2278

■ 35.4673, 0.1972,
0.2106

■ 31.0989, 0.1889,
0.1939

■ 27.3489, 0.1827,
0.1777

■ 27.2871, 0.1826,
0.1775

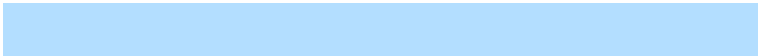
Harmonies

Analogous

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



69.0463, 0.2633, 0.3094



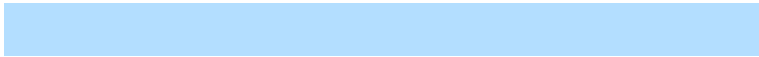
69.0463, 0.2654, 0.2920



69.0463, 0.2796, 0.2850

Triad

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



69.0463, 0.2654, 0.2920



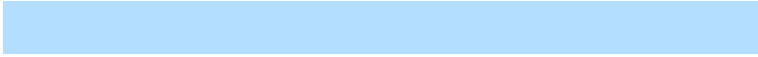
69.0463, 0.3528, 0.3227



69.0463, 0.3208, 0.3733

Complementary

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



69.0463, 0.2654, 0.2920



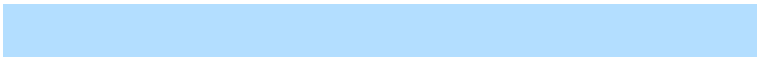
71.5663, 0.3699, 0.3632

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.



69.0463, 0.3456, 0.3753



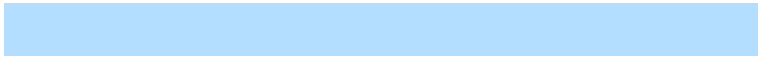
69.0463, 0.2654, 0.2920



69.0463, 0.3648, 0.3450

Square

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



69.0463, 0.2654, 0.2920



69.0463, 0.3298, 0.3027



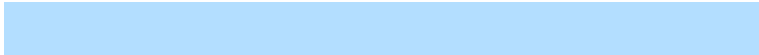
69.0463, 0.3620, 0.3644



69.0463, 0.2946, 0.3576

Rectangle

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



69.0463, 0.2654, 0.2920



69.0463, 0.2944, 0.2866



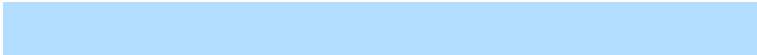
69.0463, 0.3620, 0.3644



69.0463, 0.3296, 0.3755

Sweetspot

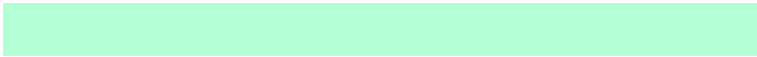
The Sweet Spot groups the original color and five complimentary colors.



69.0467, 0.2654, 0.2920



89.7167, 0.2987, 0.3190



85.8459, 0.2912, 0.3776



18.8640, 0.2964, 0.3173



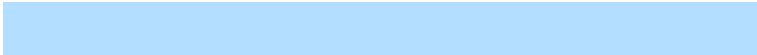
0.0000, 0.0000, 0.0000



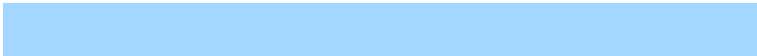
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0467, 0.2654, 0.2920



63.7218, 0.2556, 0.2830



51.0852, 0.2604, 0.2474



19.0850, 0.2979, 0.3184



14.5607, 0.1834, 0.1801



1.6351, 0.1885, 0.1986

Inverse Universe

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



58.7533, 0.3424, 0.2852



52.4412, 0.3506, 0.2758



92.8401, 0.3593, 0.3993



18.1594, 0.3205, 0.3156



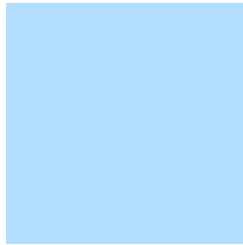
12.1979, 0.4684, 0.2354



1.2096, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 69.0463, 0.2654, 0.2920 looks on a white background.

Color Contrast Check

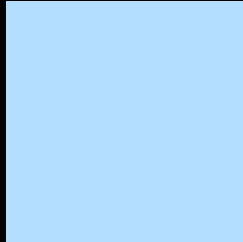
Large Text (above 18pt) WCAG AA × Fail

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 69.0463, 0.2654, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

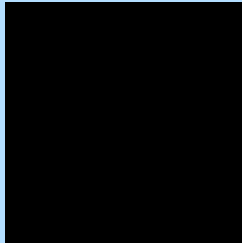
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

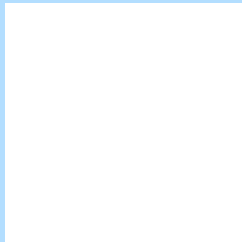
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0463, 0.2654, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 69.0463, 0.2654, 0.2920.



This preview shows how white text looks on a background with the Yxy color 69.0463, 0.2654, 0.2920.

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

69.0463, 0.2654, 0.2920

Protanopia

68.6969, 0.2868, 0.2902

Deuteranopia

68.5602, 0.2883, 0.2825



Tritanopia

68.9522, 0.2709, 0.3083

Trichromacy



Original Color

69.0463, 0.2654, 0.2920

Protanomaly

68.7961, 0.2786, 0.2907

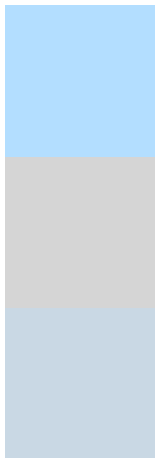
Deuteranomaly

68.5174, 0.2793, 0.2857

Tritanomaly

68.8379, 0.2687, 0.3017

Monochromacy



Original Color

69.0463, 0.2654, 0.2920

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.1307, 0.2943, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0463, 0.2654, 0.2920 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 222, 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(179, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.0463, 0.2654, 0.2920 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, 222, 255) }
```

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

```
.border{ border-color:rgb(179, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0463, 0.2654, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 222, 255) }
```

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

```
.background{ background-color: rgb(179,  
222, 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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