

Converting Colors

$Yxy(72.3126, 0.2660, 0.2991)$

Have a look what the booklet for
Yxy(72.3126, 0.2660, 0.2991)
contains.

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Color

Yxy(72.2905, 0.2662, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	B3E4FF
RGB	179, 228, 255
RGB Percent	70%, 89%, 100%
CMY	0.2981, 0.1059, 0.0000
CMYK	0.30, 0.11, 0.00, 0.00
HSL	201°, 100%, 85%
HSV	201°, 30%, 100%
XYZ	64.3818, 72.2905, 105.1828
YIQ	216.4270, -37.8710, -1.9910

Conversions

Conversions Part 2

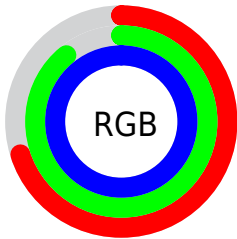
Format	Color
RYB	179, 209, 255
Decimal	11789567
CIELab	88.11, -9.63, -18.21
CIELCh	88, 20.599, 242.137
Yxy	72.2905, 0.2662, 0.2989
Android (android.graphics.Color)	4289979647 (0xFFB3E4FF)
YUV	216.4270, 19.0165, -32.8235
Hunter-Lab	85.0238, -13.6277, -13.8309

Details

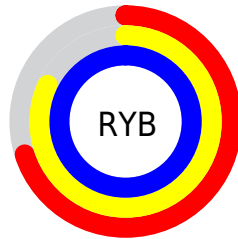
The Yxy color **72.2905, 0.2662, 0.2989** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.6426, 0.3717, 0.3571**, and the grayscale version is **68.8608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **38.2494, 0.2558, 0.2926** is the 20% darker color. If you saturate the color by 10%, you get **64.6777, 0.2511, 0.2870**, and if you desaturate by 10%, it is **80.7292, 0.2818, 0.3100**.

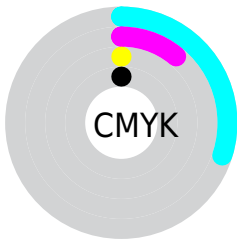
Distribution



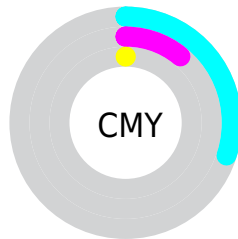
- Red (70%)
- Green (89%)
- Blue (100%)



- Red (70%)
- Yellow (82%)
- Blue (100%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2905, 0.2662, 0.2989 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 72.2905, 0.2662, 0.2989 by changing the saturation by 10% instead.

72.2905, 0.2662,
0.2989

72.2905, 0.2662,
0.2989

468.5521, 0.2874,
0.3130

53.3960, 0.2615,
0.2956

122.4695, 0.2735,
0.3038

38.1190, 0.2557,
0.2916

154.5227, 0.2763,
0.3057

26.0751, 0.2484,
0.2865

191.7310, 0.2788,
0.3074

16.8798, 0.2390,
0.2797

234.4788, 0.2809,
0.3088

10.1488, 0.2266,
0.2705

283.1504, 0.2828,
0.3101

5.4977, 0.2092,
0.2573

338.1302, 0.2845,

2.5422, 0.1837,

0.3112

0.2369

399.8026, 0.2860,
0.3122

0.8977, 0.1398,
0.2030

0.0000, 0.0000,
0.0000

72.2905, 0.2662,
0.2989

72.2905, 0.2662,
0.2989

64.6777, 0.2511,
0.2870

80.7292, 0.2818,
0.3100

57.8510, 0.2369,
0.2742

90.0215, 0.2975,
0.3201

51.7740, 0.2239,
0.2609

100.0000, 0.3127,
0.3290

46.4045, 0.2126,
0.2471

■ 41.6948, 0.2032,
0.2333

■ 37.5890, 0.1959,
0.2195

■ 33.9996, 0.1906,
0.2061

■ 33.9354, 0.1905,
0.2059

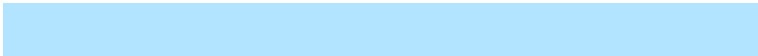
Harmonies

Analogous

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



72.2905, 0.2684, 0.3180



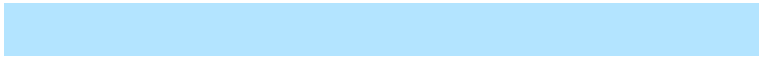
72.2905, 0.2662, 0.2989



72.2905, 0.2758, 0.2887

Triad

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



72.2905, 0.2662, 0.2989



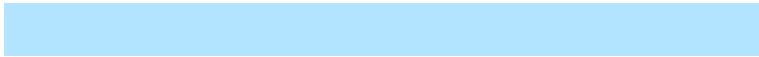
72.2905, 0.3439, 0.3162



72.2905, 0.3288, 0.3726

Complementary

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



72.2905, 0.2662, 0.2989



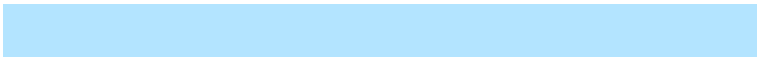
68.6426, 0.3717, 0.3571

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.



72.2905, 0.3501, 0.3702



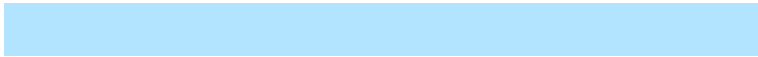
72.2905, 0.2662, 0.2989



72.2905, 0.3592, 0.3370

Square

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



72.2905, 0.2662, 0.2989



72.2905, 0.3202, 0.2990



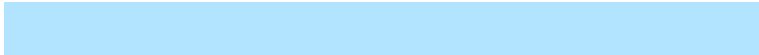
72.2905, 0.3614, 0.3568



72.2905, 0.3039, 0.3620

Rectangle

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



72.2905, 0.2662, 0.2989



72.2905, 0.2880, 0.2878



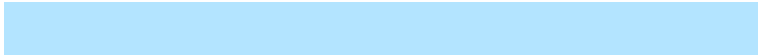
72.2905, 0.3614, 0.3568



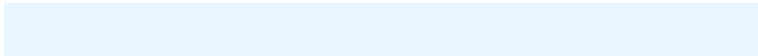
72.2905, 0.3367, 0.3732

Sweetspot

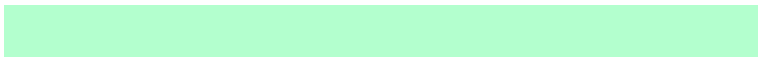
The Sweet Spot groups the original color and five complimentary colors.



72.2921, 0.2662, 0.2989



90.8148, 0.2987, 0.3208



85.5373, 0.2945, 0.3850



19.1348, 0.2965, 0.3194



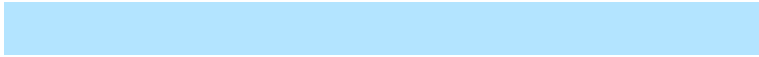
0.0000, 0.0000, 0.0000



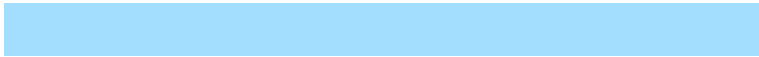
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2921, 0.2662, 0.2989



67.4857, 0.2568, 0.2916



53.7938, 0.2613, 0.2549



19.3325, 0.2980, 0.3204



18.0240, 0.1911, 0.2081



1.9611, 0.1954, 0.2234

Inverse Universe

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



59.0935, 0.3374, 0.2794



52.8211, 0.3442, 0.2689



88.9728, 0.3609, 0.3935



18.1844, 0.3193, 0.3138



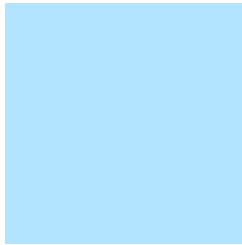
12.5475, 0.4362, 0.2177



1.2425, 0.4196, 0.2085

Previews

White Background



This preview shows how the Yxy color 72.2905, 0.2662, 0.2989 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 72.2905, 0.2662, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

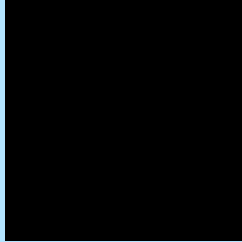
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

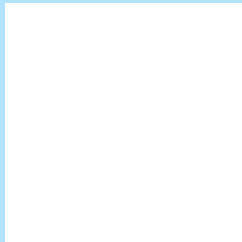
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2905, 0.2662, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 72.2905, 0.2662, 0.2989.

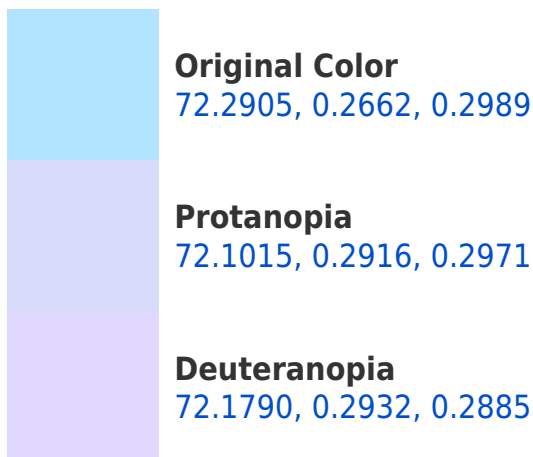


This preview shows how white text looks on a background with the Yxy color 72.2905, 0.2662, 0.2989.

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





Tritanopia

72.1630, 0.2689, 0.3075

Trichromacy



Original Color

72.2905, 0.2662, 0.2989

Protanomaly

71.9041, 0.2821, 0.2976

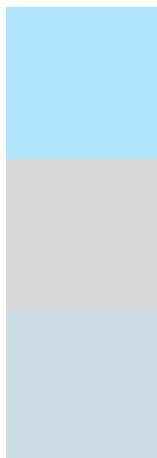
Deuteranomaly

71.8163, 0.2828, 0.2916

Tritanomaly

72.4686, 0.2679, 0.3043

Monochromacy



Original Color

72.2905, 0.2662, 0.2989

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.5961, 0.2945, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2905, 0.2662, 0.2989 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, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 228, 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, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 228, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.2905, 0.2662, 0.2989 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, 228, 255) }
```

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

```
.border{ border-color:rgb(179, 228, 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, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 228,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2905, 0.2662, 0.2989$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 228, 255) }
```

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

```
.background{ background-color: rgb(179,  
228, 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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