

Converting Colors

$Yxy(66.1886, 0.2610, 0.2871)$

Have a look what the booklet for
Yxy(66.1886, 0.2610, 0.2871)
contains.

Yxy(66.1335, 0.2609, 0.2869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1335, 0.2609, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	ACDAFF
RGB	172, 218, 255
RGB Percent	67%, 85%, 100%
CMY	0.3255, 0.1451, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	207°, 100%, 84%
HSV	207°, 33%, 100%
XYZ	60.1402, 66.1335, 104.2369
YIQ	208.4640, -39.2930, 1.7550

Conversions

Conversions Part 2

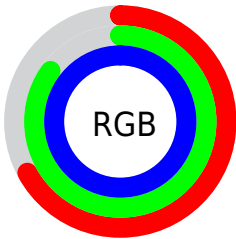
Format	Color
RYB	172, 202, 255
Decimal	11328255
CIELab	85.06, -6.37, -22.86
CIELCh	85, 23.736, 254.431
Yxy	66.1335, 0.2609, 0.2869
Android (android.graphics.Color)	4289518335 (0xFFACDAFF)
YUV	208.4640, 22.9422, -31.9789
Hunter-Lab	81.3225, -10.3087, -19.0705

Details

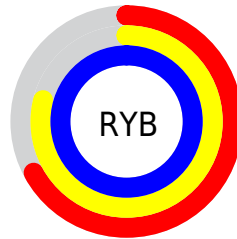
The Yxy color **66.1335, 0.2609, 0.2869** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.8434, 0.3761, 0.3674**, and the grayscale version is **63.2606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **34.0535, 0.2489, 0.2767** is the 20% darker color. If you saturate the color by 10%, you get **57.8240, 0.2451, 0.2714**, and if you desaturate by 10%, it is **75.4009, 0.2771, 0.3013**.

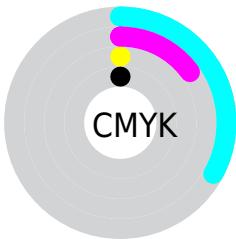
Distribution



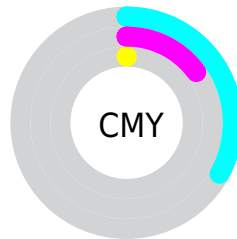
- Red (67%)
- Green (85%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1335, 0.2609, 0.2869 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 66.1335, 0.2609, 0.2869 by changing the saturation by 10% instead.

■ 66.1335, 0.2609,
0.2869

■ 66.1335, 0.2609,
0.2869

446.8542, 0.2848,
0.3067

■ 48.3808, 0.2555,
0.2823

■ 113.6779, 0.2692,
0.2938

■ 34.1285, 0.2488,
0.2766

144.2384, 0.2724,
0.2965

■ 22.9924, 0.2404,
0.2694

179.8370, 0.2752,
0.2988

■ 14.5879, 0.2296,
0.2600

220.8579, 0.2776,
0.3008

■ 8.5307, 0.2151,
0.2471

267.6858, 0.2797,
0.3026

■ 4.4363, 0.1947,
0.2287

320.7048, 0.2816,

■ 1.9205, 0.1647,

0.3041

0.2006

380.2995, 0.2833,
0.3055

0.5607, 0.1004,
0.1491

0.0000, 0.0000,
0.0000

66.1335, 0.2609,
0.2869

66.1335, 0.2609,
0.2869

57.8240, 0.2451,
0.2714

75.4009, 0.2771,
0.3013

50.4327, 0.2300,
0.2549

85.6634, 0.2931,
0.3144

43.9164, 0.2161,
0.2376

96.9557, 0.3088,
0.3262

38.2271, 0.2039,
0.2200

100.0000, 0.3127,
0.3290

■ 33.3107, 0.1938,
0.2024

■ 29.1031, 0.1860,
0.1854

■ 26.3621, 0.1815,
0.1732

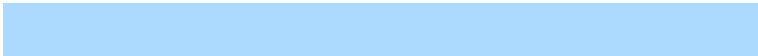
Harmonies

Analogous

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



66.1335, 0.2577, 0.3054



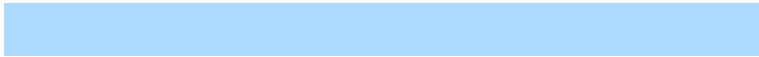
66.1335, 0.2609, 0.2869



66.1335, 0.2773, 0.2802

Triad

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



66.1335, 0.2609, 0.2869



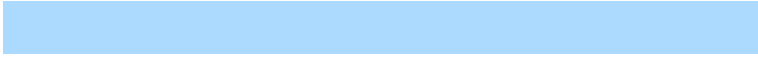
66.1335, 0.3588, 0.3236



66.1335, 0.3196, 0.3778

Complementary

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



66.1335, 0.2609, 0.2869



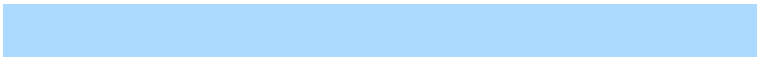
69.8434, 0.3761, 0.3674

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.



66.1335, 0.3476, 0.3810



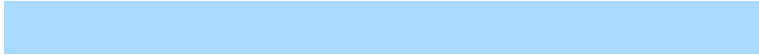
66.1335, 0.2609, 0.2869



66.1335, 0.3711, 0.3482

Square

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



66.1335, 0.2609, 0.2869



66.1335, 0.3337, 0.3011



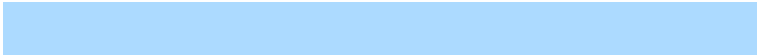
66.1335, 0.3668, 0.3694



66.1335, 0.2906, 0.3594

Rectangle

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



66.1335, 0.2609, 0.2869



66.1335, 0.2941, 0.2825



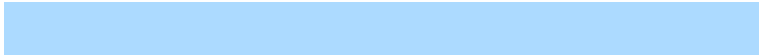
66.1335, 0.3668, 0.3694



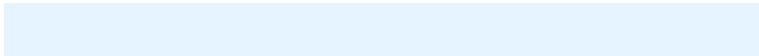
66.1335, 0.3294, 0.3807

Sweetspot

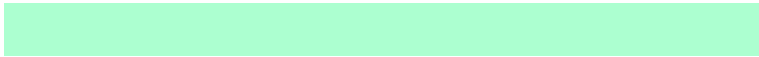
The Sweet Spot groups the original color and five complimentary colors.



66.1334, 0.2609, 0.2869



88.4401, 0.2972, 0.3175



84.8439, 0.2894, 0.3828



18.6001, 0.2949, 0.3158



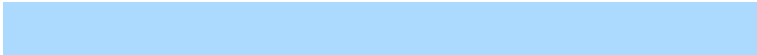
0.0000, 0.0000, 0.0000



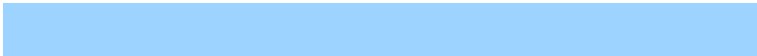
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1334, 0.2609, 0.2869



60.6639, 0.2506, 0.2770



47.6490, 0.2549, 0.2386



19.0471, 0.2979, 0.3181



14.0775, 0.1822, 0.1759



1.5888, 0.1874, 0.1948

Inverse Universe

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



55.8292, 0.3468, 0.2820



49.5724, 0.3561, 0.2725



92.2793, 0.3636, 0.4057



18.1556, 0.3207, 0.3159



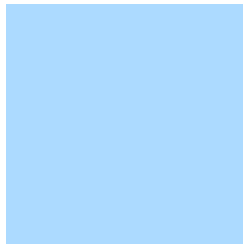
12.1491, 0.4735, 0.2382



1.2049, 0.4512, 0.2259

Previews

White Background



This preview shows how the Yxy color 66.1335, 0.2609, 0.2869 looks on a white background.

Color Contrast Check

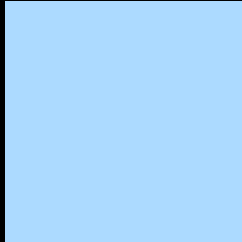
Large Text (above 18pt) WCAG AA × Fail

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 66.1335, 0.2609, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

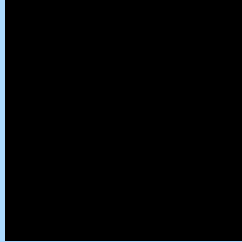
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

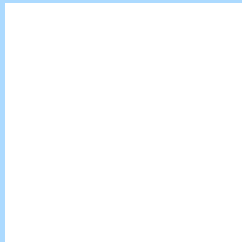
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1335, 0.2609, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 66.1335, 0.2609, 0.2869.



This preview shows how white text looks on a background with the Yxy color 66.1335, 0.2609, 0.2869.

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

66.1335, 0.2609, 0.2869

Protanopia

65.8327, 0.2826, 0.2853

Deuteranopia

66.0334, 0.2834, 0.2786



Tritanopia

66.2108, 0.2680, 0.3090

Trichromacy



Original Color

66.1335, 0.2609, 0.2869

Protanomaly

65.8232, 0.2739, 0.2857

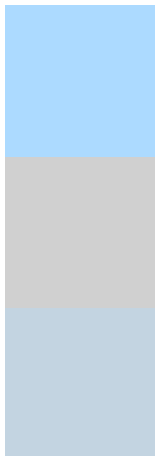
Deuteranomaly

66.0427, 0.2746, 0.2818

Tritanomaly

66.1531, 0.2653, 0.3011

Monochromacy



Original Color

66.1335, 0.2609, 0.2869

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.1253, 0.2920, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1335, 0.2609, 0.2869 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 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(172, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.1335, 0.2609, 0.2869 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, 218, 255) }
```

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

```
.border{ border-color:rgb(172, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1335, 0.2609, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 255) }
```

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

```
.background{ background-color: rgb(172,  
218, 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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