

Converting Colors

$Yxy(65.5664, 0.2599, 0.2854)$

Have a look what the booklet for
Yxy(65.5664, 0.2599, 0.2854)
contains.

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Color

Yxy(65.5036, 0.2602, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	ABD9FF
RGB	171, 217, 255
RGB Percent	67%, 85%, 100%
CMY	0.3294, 0.1490, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	207°, 100%, 84%
HSV	207°, 33%, 100%
XYZ	59.6571, 65.5036, 104.1134
YIQ	207.5780, -39.6140, 2.0660

Conversions

Conversions Part 2

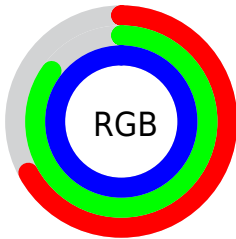
Format	Color
R _Y B	171, 201, 255
Decimal	11262463
CIE Lab	84.74, -6.14, -23.34
CIE LCh	85, 24.135, 255.272
Yxy	65.5036, 0.2602, 0.2857
Android (android.graphics.Color)	4289452543 (0xFFABD9FF)
YUV	207.5780, 23.3790, -32.0789
Hunter-Lab	80.9343, -10.0617, -19.6163

Details

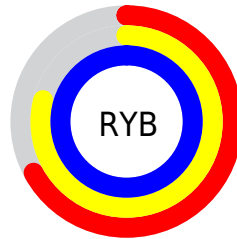
The Yxy color **65.5036, 0.2602, 0.2857** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.7966, 0.3769, 0.3685**, and the grayscale version is **62.6548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **33.6309, 0.2479, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **57.1732, 0.2443, 0.2699**, and if you desaturate by 10%, it is **74.8059, 0.2764, 0.3004**.

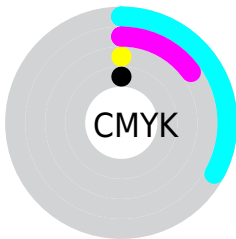
Distribution



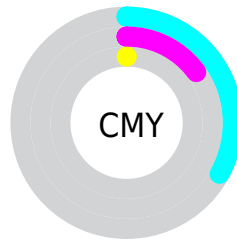
- Red (67%)
- Green (85%)
- Blue (100%)



- 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 65.5036, 0.2602, 0.2857 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 65.5036, 0.2602, 0.2857 by changing the saturation by 10% instead.

■ 65.5036, 0.2602,
0.2857

■ 65.5036, 0.2602,
0.2857

444.5995, 0.2845,
0.3061

■ 47.8695, 0.2547,
0.2810

■ 112.7736, 0.2686,
0.2928

■ 33.7236, 0.2479,
0.2751

143.1783, 0.2719,
0.2956

■ 22.6813, 0.2394,
0.2677

178.6087, 0.2747,
0.2980

■ 14.3584, 0.2284,
0.2580

219.4491, 0.2772,
0.3000

■ 8.3703, 0.2136,
0.2447

266.0840, 0.2793,
0.3018

■ 4.3328, 0.1929,
0.2258

318.8978, 0.2812,

■ 1.8614, 0.1624,

0.3034

0.1969

378.2748, 0.2829,
0.3048

■ 0.5250, 0.0948,
0.1425

■ 0.0000, 0.0000,
0.0000

■ 65.5036, 0.2602,
0.2857

■ 65.5036, 0.2602,
0.2857

■ 57.1732, 0.2443,
0.2699

■ 74.8059, 0.2764,
0.3004

■ 49.7684, 0.2292,
0.2530

■ 85.1116, 0.2925,
0.3137

■ 43.2474, 0.2152,
0.2355

■ 96.4579, 0.3082,
0.3257

■ 37.5618, 0.2030,
0.2176

100.0000, 0.3127,
0.3290

■ 32.6564, 0.1929,
0.1998

■ 28.4665, 0.1851,
0.1826

■ 25.8778, 0.1808,
0.1709

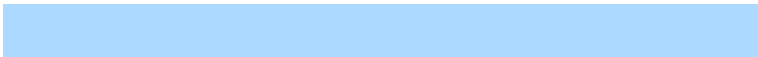
Harmonies

Analogous

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



65.5036, 0.2565, 0.3042



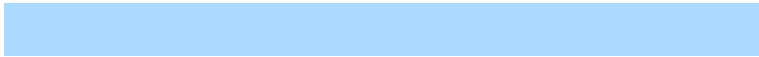
65.5036, 0.2602, 0.2857



65.5036, 0.2773, 0.2793

Triad

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



65.5036, 0.2602, 0.2857



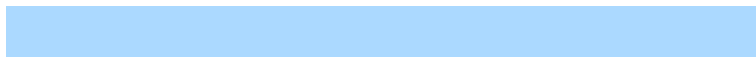
65.5036, 0.3603, 0.3241



65.5036, 0.3188, 0.3785

Complementary

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



65.5036, 0.2602, 0.2857



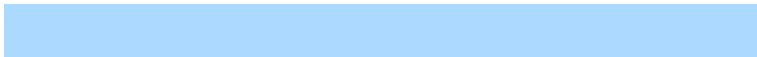
69.7966, 0.3769, 0.3685

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.



65.5036, 0.3476, 0.3822



65.5036, 0.2602, 0.2857



65.5036, 0.3724, 0.3492

Square

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



65.5036, 0.2602, 0.2857



65.5036, 0.3349, 0.3012



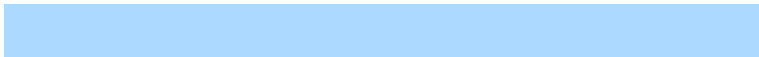
65.5036, 0.3675, 0.3707



65.5036, 0.2894, 0.3594

Rectangle

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



65.5036, 0.2602, 0.2857



65.5036, 0.2945, 0.2819



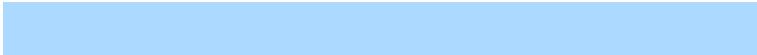
65.5036, 0.3675, 0.3707



65.5036, 0.3289, 0.3816

Sweetspot

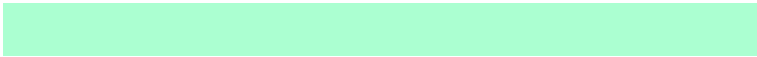
The Sweet Spot groups the original color and five complimentary colors.



65.5056, 0.2602, 0.2857



88.3410, 0.2972, 0.3174



84.7709, 0.2885, 0.3819



18.5761, 0.2949, 0.3156



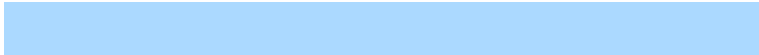
0.0000, 0.0000, 0.0000



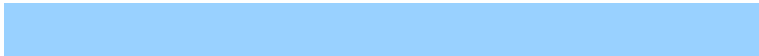
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5056, 0.2602, 0.2857



59.5271, 0.2489, 0.2747



46.6137, 0.2539, 0.2357



19.0269, 0.2979, 0.3180



13.8243, 0.1816, 0.1736



1.5644, 0.1869, 0.1927

Inverse Universe

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



55.3942, 0.3478, 0.2820



48.6392, 0.3582, 0.2717



93.0694, 0.3638, 0.4078



18.1536, 0.3208, 0.3161



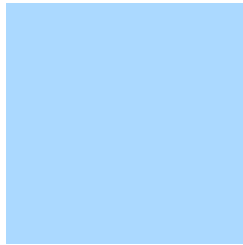
12.1235, 0.4762, 0.2397



1.2025, 0.4536, 0.2272

Previews

White Background



This preview shows how the Yxy color 65.5036, 0.2602, 0.2857 looks on a white background.

Color Contrast Check

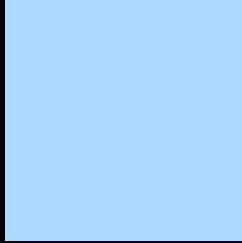
Large Text (above 18pt) WCAG AA × Fail

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 65.5036, 0.2602, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

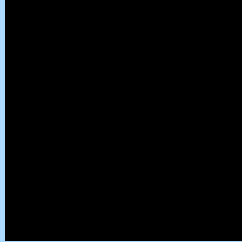
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

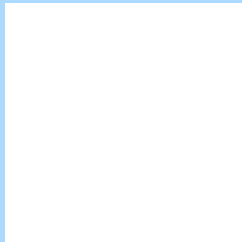
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5036, 0.2602, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 65.5036, 0.2602, 0.2857.



This preview shows how white text looks on a background with the Yxy color 65.5036, 0.2602, 0.2857.

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

65.5036, 0.2602, 0.2857

Protanopia

65.1996, 0.2818, 0.2841

Deuteranopia

65.2555, 0.2820, 0.2773



Tritanopia

65.5749, 0.2673, 0.3077

Trichromacy



Original Color

65.5036, 0.2602, 0.2857

Protanomaly

65.1916, 0.2732, 0.2845

Deuteranomaly

65.4106, 0.2739, 0.2806

Tritanomaly

65.5195, 0.2646, 0.2998

Monochromacy



Original Color

65.5036, 0.2602, 0.2857

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6269, 0.2920, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5036, 0.2602, 0.2857 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(171, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 217, 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(171, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.5036, 0.2602, 0.2857 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(171, 217, 255) }
```

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

```
.border{ border-color:rgb(171, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5036, 0.2602, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 217, 255) }
```

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

```
.background{ background-color: rgb(171,  
217, 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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