

Converting Colors

$Yxy(65.0124, 0.2605, 0.2844)$

Have a look what the booklet for
Yxy(65.0124, 0.2605, 0.2844)
contains.

Yxy(65.1024, 0.2606, 0.2846)	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(65.1024, 0.2606, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	ACD8FF
RGB	172, 216, 255
RGB Percent	67%, 85%, 100%
CMY	0.3257, 0.1529, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	208°, 100%, 84%
HSV	208°, 33%, 100%
XYZ	59.6124, 65.1024, 104.0357
YIQ	207.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

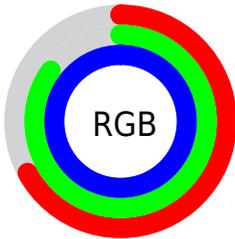
Format	Color
R_{YB}	172, 201, 255
Decimal	11327743
CIE Lab	84.54, -5.35, -23.65
CIE LCh	85, 24.247, 257.242
Yxy	65.1024, 0.2606, 0.2846
Android (android.graphics.Color)	4289517823 (0xFFACD8FF)
YUV	207.2900, 23.5210, -30.9493
Hunter-Lab	80.6861, -9.3214, -19.9677

Details

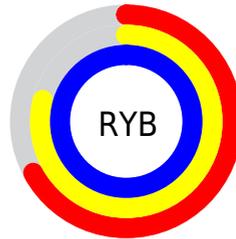
The Yxy color **65.1024, 0.2606, 0.2846** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.7983, 0.3755, 0.3694**, and the grayscale version is **62.4540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **33.3489, 0.2484, 0.2736** is the 20% darker color. If you saturate the color by 10%, you get **56.5786, 0.2445, 0.2682**, and if you desaturate by 10%, it is **74.6310, 0.2769, 0.2998**.

Distribution



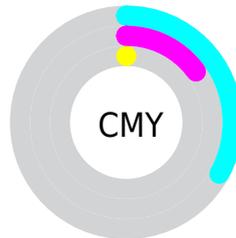
- Red (67%)
- Green (85%)
- Blue (100%)



- 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 65.1024, 0.2606, 0.2846 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 65.1024, 0.2606, 0.2846 by changing the saturation by 10% instead.

65.1024, 0.2606,
0.2846

65.1024, 0.2606,
0.2846

443.1599, 0.2847,
0.3055

47.5441, 0.2551,
0.2798

112.1971, 0.2690,
0.2919

33.4660, 0.2484,
0.2738

142.5022, 0.2722,
0.2947

22.4837, 0.2399,
0.2662

177.8252, 0.2750,
0.2972

14.2127, 0.2289,
0.2563

218.5502, 0.2775,
0.2993

8.2688, 0.2141,
0.2427

265.0618, 0.2796,
0.3011

4.2674, 0.1934,
0.2234

317.7444, 0.2815,

1.8242, 0.1628,

0.3027

0.1941

376.9823, 0.2832,
0.3042

0.5022, 0.0949,
0.1375

0.0000, 0.0000,
0.0000

65.1024, 0.2606,
0.2846

65.1024, 0.2606,
0.2846

56.5786, 0.2445,
0.2682

74.6310, 0.2769,
0.2998

49.0118, 0.2291,
0.2507

85.1963, 0.2931,
0.3136

42.3596, 0.2149,
0.2324

96.8366, 0.3088,
0.3260

36.5724, 0.2023,
0.2139

100.0000, 0.3127,
0.3290

■ 31.5944, 0.1919,
0.1954

■ 27.3598, 0.1838,
0.1776

■ 24.6266, 0.1792,
0.1649

Harmonies

Analogous

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



65.1024, 0.2560, 0.3025



65.1024, 0.2606, 0.2846



65.1024, 0.2786, 0.2790

Triad

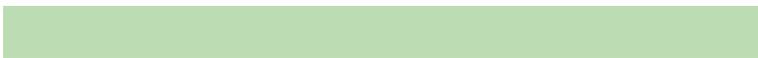
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1024, 0.2606, 0.2846



65.1024, 0.3619, 0.3257



65.1024, 0.3168, 0.3780

Complementary

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



65.1024, 0.2606, 0.2846



70.7983, 0.3755, 0.3694

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.



65.1024, 0.3461, 0.3828



65.1024, 0.2606, 0.2846



65.1024, 0.3730, 0.3509

Square

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



65.1024, 0.2606, 0.2846



65.1024, 0.3370, 0.3023



65.1024, 0.3670, 0.3721



65.1024, 0.2875, 0.3579

Rectangle

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



65.1024, 0.2606, 0.2846



65.1024, 0.2963, 0.2821



65.1024, 0.3670, 0.3721



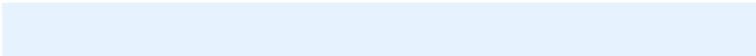
65.1024, 0.3270, 0.3815

Sweetspot

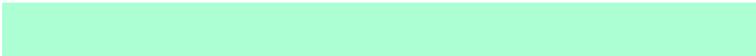
The Sweet Spot groups the original color and five complimentary colors.



65.1046, 0.2606, 0.2846



88.0784, 0.2971, 0.3169



84.9747, 0.2880, 0.3795



18.5125, 0.2949, 0.3151



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.



65.1046, 0.2606, 0.2846



59.5061, 0.2502, 0.2742



46.5397, 0.2544, 0.2353



18.9733, 0.2979, 0.3176



13.1698, 0.1799, 0.1677



1.5011, 0.1854, 0.1874

Inverse Universe

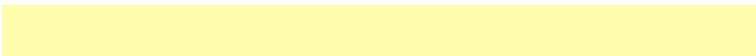
The Inverse Universe completely reimagines the original color for something new.



55.7079, 0.3485, 0.2839



49.4555, 0.3583, 0.2748



94.0036, 0.3628, 0.4081



18.1482, 0.3211, 0.3165



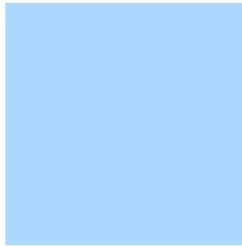
12.0575, 0.4835, 0.2437



1.1961, 0.4598, 0.2307

Previews

White Background



This preview shows how the Yxy color 65.1024, 0.2606, 0.2846 looks on a white background.

Color Contrast Check

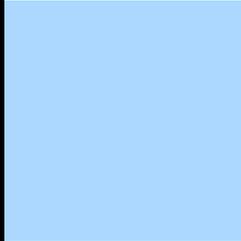
Large Text (above 18pt) WCAG AA × Fail

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 65.1024, 0.2606, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

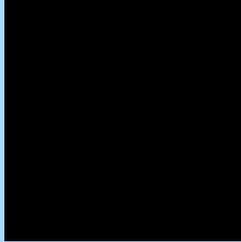
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1024, 0.2606, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 65.1024, 0.2606, 0.2846.



This preview shows how white text looks on a background with the Yxy color 65.1024, 0.2606, 0.2846.

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

65.1024, 0.2606, 0.2846

Protanopia

65.0596, 0.2812, 0.2840

Deuteranopia

64.7725, 0.2820, 0.2762



Tritanopia

65.1023, 0.2683, 0.3077

Trichromacy



Original Color

65.1024, 0.2606, 0.2846

Protanomaly

65.1916, 0.2732, 0.2845

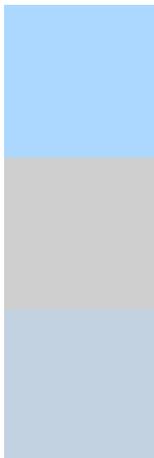
Deuteranomaly

64.9153, 0.2738, 0.2794

Tritanomaly

65.1095, 0.2650, 0.2987

Monochromacy



Original Color

65.1024, 0.2606, 0.2846

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.9443, 0.2919, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1024, 0.2606, 0.2846 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.1024, 0.2606, 0.2846 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, 216, 255) }
```

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

```
.border{ border-color:rgb(172, 216, 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, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1024, 0.2606, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 255) }
```

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

```
.background{ background-color: rgb(172,  
216, 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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