

Converting Colors

$Yxy(65.2806, 0.2551, 0.2891)$

Have a look what the booklet for
Yxy(65.2806, 0.2551, 0.2891)
contains.

Yxy(65.2924, 0.2550, 0.2885)	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(65.2924, 0.2550, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	A0DBFE
RGB	160, 219, 254
RGB Percent	63%, 86%, 100%
CMY	0.3727, 0.1411, 0.0040
CMYK	0.37, 0.14, 0.00, 0.00
HSL	202°, 98%, 81%
HSV	202°, 37%, 100%
XYZ	57.7108, 65.2924, 103.3136
YIQ	205.3490, -46.3990, -1.6230

Conversions

Conversions Part 2

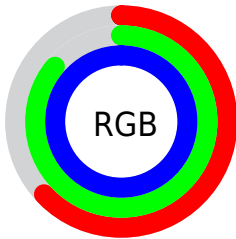
Format	Color
R _{YB}	160, 196, 254
Decimal	10542078
CIE Lab	84.63, -10.38, -23.02
CIE LCh	85, 25.253, 245.740
Yxy	65.2924, 0.2550, 0.2885
Android (android.graphics.Color)	4288732158 (0xFFA0DBFE)
YUV	205.3490, 23.9849, -39.7711
Hunter-Lab	80.8037, -13.9201, -19.2441

Details

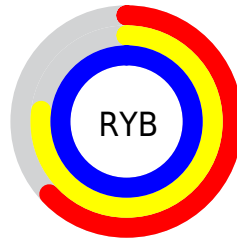
The Yxy color **65.2924, 0.2550, 0.2885** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.6088, 0.3898, 0.3658**, and the grayscale version is **61.1476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **33.5252, 0.2415, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **58.1489, 0.2403, 0.2753**, and if you desaturate by 10%, it is **73.2554, 0.2704, 0.3008**.

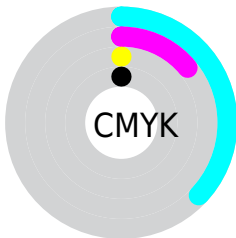
Distribution



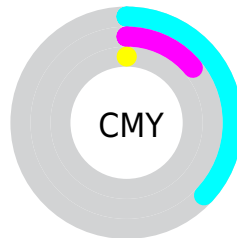
- Red (63%)
- Green (86%)
- Blue (100%)



- Red (63%)
- Yellow (77%)
- Blue (100%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)




- Cyan (37%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2924, 0.2550, 0.2885 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 65.2924, 0.2550, 0.2885 by changing the saturation by 10% instead.


 65.2924, 0.2550,
0.2885


 65.2924, 0.2550,
0.2885

443.8420, 0.2816,
0.3078

 47.6982, 0.2490,
0.2840


 112.4701, 0.2642,
0.2953

 33.5880, 0.2416,
0.2784


 142.8225, 0.2678,
0.2979

 22.5772, 0.2323,
0.2712


178.1963, 0.2709,
0.3001

 14.2817, 0.2203,
0.2618

218.9761, 0.2736,
0.3021

 8.3168, 0.2044,
0.2488

265.5461, 0.2759,
0.3038

 4.2983, 0.1821,
0.2301

318.2909, 0.2780,

 1.8418, 0.1497,

0.3053

0.2013

377.5947, 0.2799,
0.3066

0.5130, 0.0672,
0.1472

0.0000, 0.0000,
0.0000

65.2924, 0.2550,
0.2885

65.2924, 0.2550,
0.2885

58.1489, 0.2403,
0.2753

73.2554, 0.2704,
0.3008

51.7799, 0.2267,
0.2614

82.0649, 0.2861,
0.3121

46.1468, 0.2146,
0.2471

91.7554, 0.3018,
0.3224

41.2037, 0.2044,
0.2325

99.9348, 0.3133,
0.3300

■ 36.8969, 0.1963,
0.2180

■ 33.1595, 0.1904,
0.2039

■ 32.1261, 0.1888,
0.1997

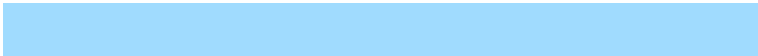
Harmonies

Analogous

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



65.2924, 0.2559, 0.3113



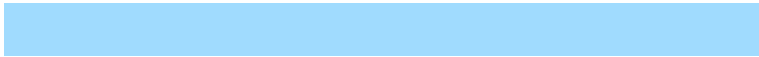
65.2924, 0.2550, 0.2885



65.2924, 0.2686, 0.2777

Triad

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



65.2924, 0.2550, 0.2885



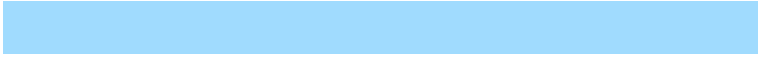
65.2924, 0.3553, 0.3157



65.2924, 0.3291, 0.3841

Complementary

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



65.2924, 0.2550, 0.2885



62.6088, 0.3898, 0.3658

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.



65.2924, 0.3572, 0.3824



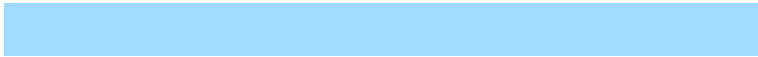
65.2924, 0.2550, 0.2885



65.2924, 0.3731, 0.3418

Square

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



65.2924, 0.2550, 0.2885



65.2924, 0.3259, 0.2936



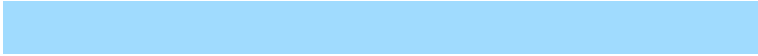
65.2924, 0.3737, 0.3662



65.2924, 0.2976, 0.3687

Rectangle

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



65.2924, 0.2550, 0.2885



65.2924, 0.2846, 0.2778



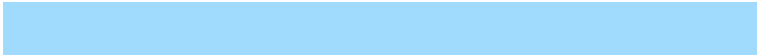
65.2924, 0.3737, 0.3662



65.2924, 0.3393, 0.3854

Sweetspot

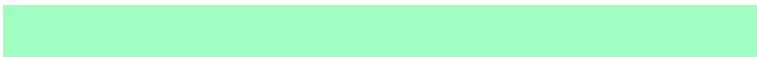
The Sweet Spot groups the original color and five complimentary colors.



65.2949, 0.2550, 0.2885



88.5852, 0.2956, 0.3184



82.2596, 0.2899, 0.3993



18.6762, 0.2935, 0.3170



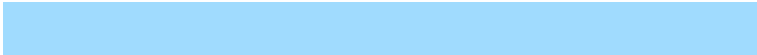
0.0000, 0.0000, 0.0000



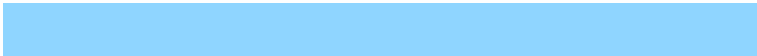
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2949, 0.2550, 0.2885



60.7631, 0.2446, 0.2794



44.3224, 0.2468, 0.2316



19.2790, 0.2979, 0.3199



17.2317, 0.1895, 0.2020



1.8874, 0.1939, 0.2181

Inverse Universe

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



51.3139, 0.3468, 0.2687



45.6624, 0.3557, 0.2575



86.7823, 0.3727, 0.4105



18.1790, 0.3195, 0.3142



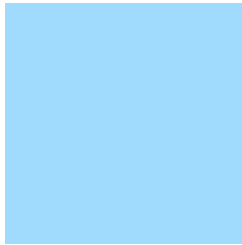
12.4675, 0.4430, 0.2214



1.2351, 0.4253, 0.2117

Previews

White Background



This preview shows how the Yxy color 65.2924, 0.2550, 0.2885 looks on a white background.

Color Contrast Check

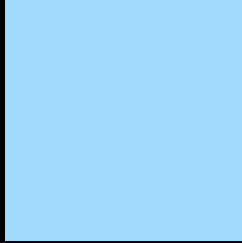
Large Text (above 18pt) WCAG AA × Fail

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 65.2924, 0.2550, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

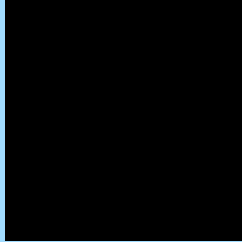
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2924, 0.2550, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 65.2924, 0.2550, 0.2885.



This preview shows how white text looks on a background with the Yxy color 65.2924, 0.2550, 0.2885.

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

65.2924, 0.2550, 0.2885

Protanopia

65.0128, 0.2837, 0.2872

Deuteranopia

64.7725, 0.2820, 0.2762



Tritanopia

65.0128, 0.2608, 0.3074

Trichromacy



Original Color

65.2924, 0.2550, 0.2885

Protanomaly

65.0554, 0.2719, 0.2874

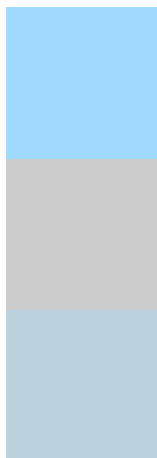
Deuteranomaly

64.8849, 0.2714, 0.2802

Tritanomaly

64.8862, 0.2586, 0.3006

Monochromacy



Original Color

65.2924, 0.2550, 0.2885

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.2397, 0.2891, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2924, 0.2550, 0.2885 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(160, 219, 254)` looks like.

```
.text, #text, p{  
    color:rgb(160, 219, 254)  
}
```

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(160, 219, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 219, 254) }
```

Border

The CSS property to change the border of an element to Yxy 65.2924, 0.2550, 0.2885 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(160, 219, 254) }
```

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

```
.border{ border-color:rgb(160, 219, 254) }
```

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

Here you see how a box with a 4 pixel rgb(160, 219, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 219, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 219, 254);  
box-shadow:4px 4px 4px 4px rgb(160, 219,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2924, 0.2550, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 219, 254) }
```

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

```
.background{ background-color: rgb(160,  
219, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor