

Converting Colors

$Yxy(66.9029, 0.2522, 0.2927)$

Have a look what the booklet for
Yxy(66.9029, 0.2522, 0.2927)
contains.

Yxy(66.8011, 0.2526, 0.2930)	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(66.8011, 0.2526, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	9ADFFE
RGB	154, 223, 254
RGB Percent	60%, 87%, 100%
CMY	0.3963, 0.1254, 0.0040
CMYK	0.39, 0.12, 0.00, 0.00
HSL	199°, 98%, 80%
HSV	199°, 39%, 100%
XYZ	57.5903, 66.8011, 103.5987
YIQ	205.9030, -51.0750, -4.9870

Conversions

Conversions Part 2

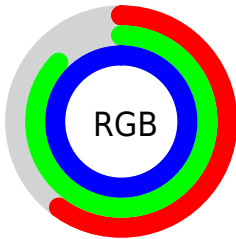
Format	Color
RYB	154, 195, 254
Decimal	10149886
CIELab	85.40, -13.99, -21.88
CIELCh	85, 25.966, 237.409
Yxy	66.8011, 0.2526, 0.2930
Android (android.graphics.Color)	4288339966 (0xFF9ADFFE)
YUV	205.9030, 23.7118, -45.5189
Hunter-Lab	81.7319, -17.2555, -17.9402

Details

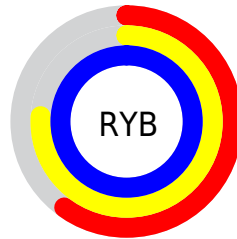
The Yxy color **66.8011, 0.2526, 0.2930** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.0483, 0.3990, 0.3618**, and the grayscale version is **61.5189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **34.6332, 0.2392, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **60.4683, 0.2389, 0.2820**, and if you desaturate by 10%, it is **73.8611, 0.2673, 0.3033**.

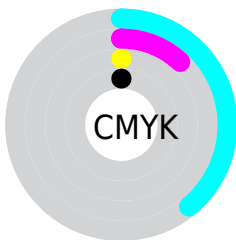
Distribution



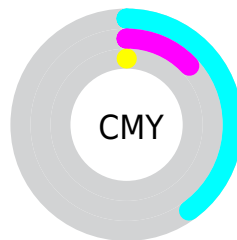
- Red (60%)
- Green (87%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (39%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8011, 0.2526, 0.2930 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 66.8011, 0.2526, 0.2930 by changing the saturation by 10% instead.

66.8011, 0.2526,
0.2930

66.8011, 0.2526,
0.2930

449.2365, 0.2802,
0.3103

48.9230, 0.2464,
0.2889

114.6354, 0.2621,
0.2991

34.5584, 0.2388,
0.2839

145.3603, 0.2658,
0.3014

23.3229, 0.2293,
0.2774

181.1363, 0.2690,
0.3034

14.8321, 0.2171,
0.2688

222.3479, 0.2718,
0.3052

8.7017, 0.2008,
0.2569

269.3792, 0.2743,
0.3067

4.5471, 0.1783,
0.2397

322.6148, 0.2765,

1.9841, 0.1458,

0.3080

0.2128

382.4391, 0.2784,
0.3092

0.5982, 0.0633,
0.1667

0.0000, 0.0000,
0.0000

66.8011, 0.2526,
0.2930

66.8011, 0.2526,
0.2930

60.4683, 0.2389,
0.2820

73.8611, 0.2673,
0.3033

54.8187, 0.2265,
0.2706

81.6736, 0.2826,
0.3128

49.8148, 0.2157,
0.2588

90.2720, 0.2981,
0.3216

45.4113, 0.2070,
0.2468

99.5849, 0.3133,
0.3295

■ 41.5545, 0.2003, 99.9339, 0.3133,
0.2349 0.3300

■ 38.1637, 0.1954,
0.2233

■ 37.9653, 0.1952,
0.2226

Harmonies

Analogous

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



66.8011, 0.2576, 0.3189



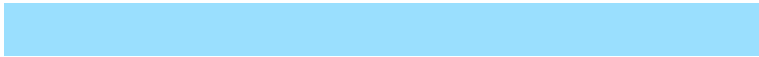
66.8011, 0.2526, 0.2930



66.8011, 0.2625, 0.2784

Triad

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



66.8011, 0.2526, 0.2930



66.8011, 0.3487, 0.3086



66.8011, 0.3381, 0.3865

Complementary

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



66.8011, 0.2526, 0.2930



58.0483, 0.3990, 0.3618

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.



66.8011, 0.3642, 0.3801



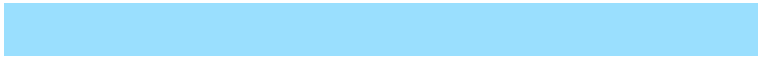
66.8011, 0.2526, 0.2930



66.8011, 0.3710, 0.3345

Square

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



66.8011, 0.2526, 0.2930



66.8011, 0.3169, 0.2880



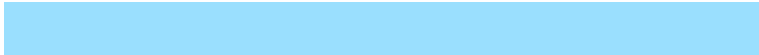
66.8011, 0.3766, 0.3605



66.8011, 0.3060, 0.3756

Rectangle

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



66.8011, 0.2526, 0.2930



66.8011, 0.2766, 0.2761



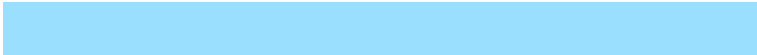
66.8011, 0.3766, 0.3605



66.8011, 0.3479, 0.3862

Sweetspot

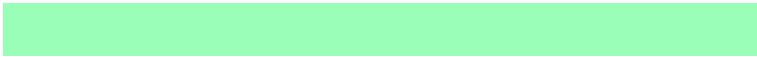
The Sweet Spot groups the original color and five complimentary colors.



66.8037, 0.2526, 0.2930



88.7584, 0.2941, 0.3194



81.1876, 0.2920, 0.4131



18.7514, 0.2920, 0.3182



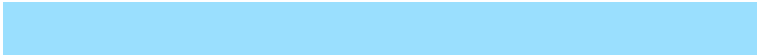
0.0000, 0.0000, 0.0000



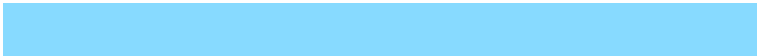
21.4041, 0.3127, 0.3290

Same Dimension

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



66.8037, 0.2526, 0.2930



62.4830, 0.2420, 0.2847



44.2689, 0.2433, 0.2325



19.4773, 0.2980, 0.3215



20.2954, 0.1957, 0.2245



2.1705, 0.1994, 0.2378

Inverse Universe

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



49.4851, 0.3439, 0.2589



43.6874, 0.3522, 0.2459



82.2217, 0.3791, 0.4096



18.1990, 0.3186, 0.3127



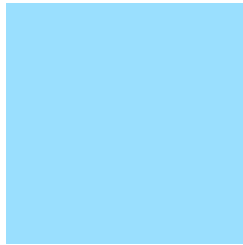
12.7768, 0.4184, 0.2079



1.2637, 0.4045, 0.2002

Previews

White Background



This preview shows how the Yxy color 66.8011, 0.2526, 0.2930 looks on a white background.

Color Contrast Check

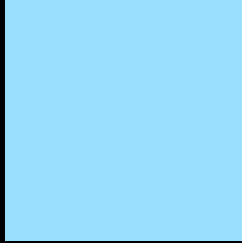
Large Text (above 18pt) WCAG AA × Fail

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 66.8011, 0.2526, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

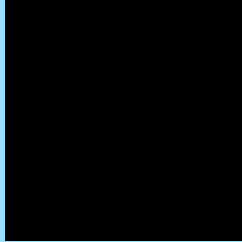
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8011, 0.2526, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 66.8011, 0.2526, 0.2930.

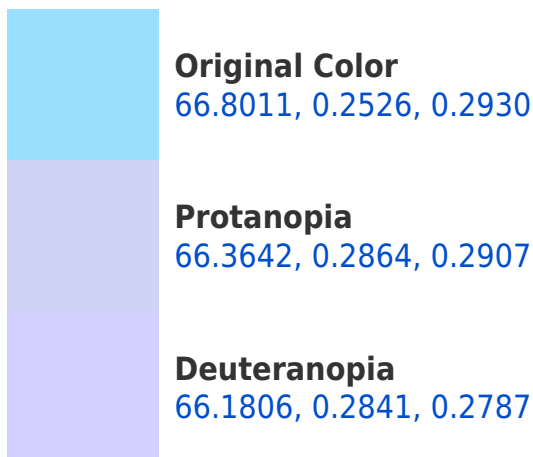


This preview shows how white text looks on a background with the Yxy color 66.8011, 0.2526, 0.2930.

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

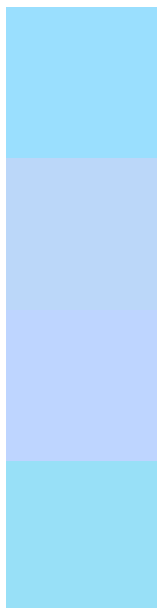




Tritanopia

66.9008, 0.2568, 0.3075

Trichromacy



Original Color

66.8011, 0.2526, 0.2930

Protanomaly

66.0052, 0.2727, 0.2908

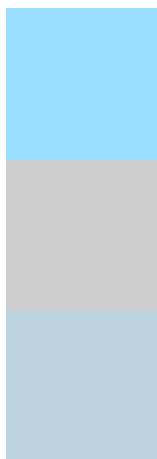
Deuteranomaly

65.7556, 0.2709, 0.2824

Tritanomaly

66.7021, 0.2552, 0.3018

Monochromacy



Original Color

66.8011, 0.2526, 0.2930

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.9795, 0.2878, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8011, 0.2526, 0.2930 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(154, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(154, 223, 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(154, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 223, 254) }
```

Border

The CSS property to change the border of an element to Yxy 66.8011, 0.2526, 0.2930 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(154, 223, 254) }
```

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

```
.border{ border-color:rgb(154, 223, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 223, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 223, 254); box-shadow:4px 4px 4px 4px rgb(154, 223, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8011, 0.2526, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 223, 254) }
```

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

```
.background{ background-color: rgb(154,  
223, 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](#).

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