

Converting Colors

Yxy(66.2719, 0.2554, 0.2990)

Have a look what the booklet for
Yxy(66.2719, 0.2554, 0.2990)
contains.

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Color

Yxy(66.4227, 0.2555, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	9ADFF8
RGB	154, 223, 248
RGB Percent	60%, 87%, 97%
CMY	0.3964, 0.1254, 0.0275
CMYK	0.38, 0.10, 0.00, 0.03
HSL	196°, 87%, 79%
HSV	196°, 38%, 97%
XYZ	56.6455, 66.4227, 98.6364
YIQ	205.2190, -49.1490, -6.8530

Conversions

Conversions Part 2

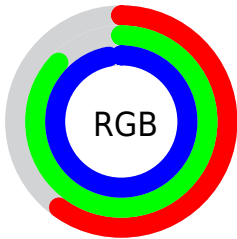
Format	Color
RYB	154, 194, 248
Decimal	10149880
CIELab	85.21, -15.49, -19.02
CIELCh	85, 24.524, 230.842
Yxy	66.4227, 0.2555, 0.2996
Android (android.graphics.Color)	4288339960 (0xFF9ADFF8)
YUV	205.2190, 21.0910, -44.9191
Hunter-Lab	81.5001, -18.5613, -14.7063

Details

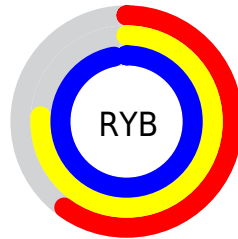
The Yxy color **66.4227, 0.2555, 0.2996** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4868, 0.3964, 0.3562**, and the grayscale version is **61.0753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **34.4077, 0.2421, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **60.7888, 0.2421, 0.2904**, and if you desaturate by 10%, it is **72.7011, 0.2699, 0.3083**.

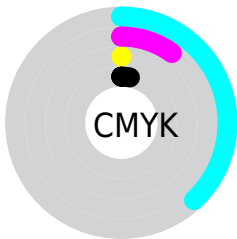
Distribution



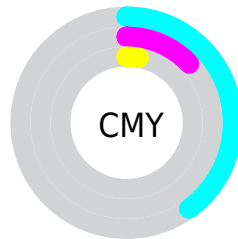
- Red (60%)
- Green (87%)
- Blue (97%)



- Red (60%)
- Yellow (76%)
- Blue (97%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)




- Cyan (40%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4227, 0.2555, 0.2996 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 66.4227, 0.2555, 0.2996 by changing the saturation by 10% instead.


 66.4227, 0.2555,
0.2996


 66.4227, 0.2555,
0.2996


447.8871, 0.2818,
0.3139

 48.6156, 0.2496,
0.2962


 114.0928, 0.2646,
0.3047

 34.3147, 0.2423,
0.2920


 144.7246, 0.2681,
0.3066

 23.1354, 0.2331,
0.2865


180.4001, 0.2712,
0.3082

 14.6935, 0.2213,
0.2791

221.5038, 0.2739,
0.3097

 8.6046, 0.2055,
0.2689

268.4199, 0.2762,
0.3109

 4.4842, 0.1834,
0.2538

321.5329, 0.2783,

 1.9479, 0.1511,

0.3120

381.2271, 0.2801,
0.3130

0.2295

0.5770, 0.0552,
0.1870

0.0000, 0.0000,
0.0000

66.4227, 0.2555,
0.2996

66.4227, 0.2555,
0.2996

60.7888, 0.2421,
0.2904

72.7011, 0.2699,
0.3083

55.7590, 0.2301,
0.2807

79.6464, 0.2850,
0.3163

51.2996, 0.2198,
0.2708

87.2889, 0.3004,
0.3237

47.3697, 0.2113,
0.2607

95.6547, 0.3159,
0.3303

■ 43.9211, 0.2049,
0.2507

■ 99.5570, 0.3168,
0.3357

■ 40.8891, 0.2005,
0.2408

■ 40.2948, 0.1997,
0.2387

Harmonies

Analogous

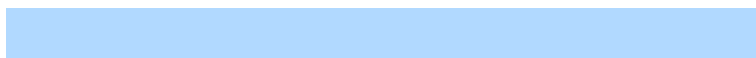
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.4227, 0.2634, 0.3259



66.4227, 0.2555, 0.2996



66.4227, 0.2619, 0.2830

Triad

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



66.4227, 0.2555, 0.2996



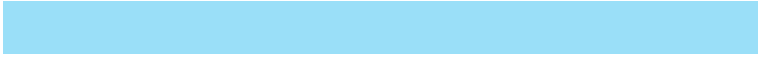
66.4227, 0.3406, 0.3048



66.4227, 0.3430, 0.3834

Complementary

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



66.4227, 0.2555, 0.2996



54.4868, 0.3964, 0.3562

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.



66.4227, 0.3654, 0.3743



66.4227, 0.2555, 0.2996



66.4227, 0.3643, 0.3288

Square

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



66.4227, 0.2555, 0.2996



66.4227, 0.3099, 0.2869



66.4227, 0.3735, 0.3539



66.4227, 0.3131, 0.3766

Rectangle

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



66.4227, 0.2555, 0.2996



66.4227, 0.2736, 0.2789



66.4227, 0.3735, 0.3539



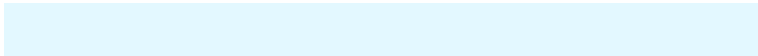
66.4227, 0.3517, 0.3820

Sweetspot

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



66.4253, 0.2555, 0.2996



90.4028, 0.2956, 0.3215



77.1861, 0.2951, 0.4153



19.1106, 0.2936, 0.3205



0.0000, 0.0000, 0.0000



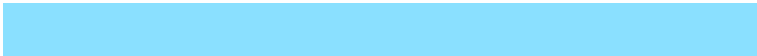
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4253, 0.2555, 0.2996



65.8320, 0.2445, 0.2921



45.2595, 0.2471, 0.2428



18.7831, 0.2980, 0.3226



22.0106, 0.2001, 0.2403



2.2121, 0.2034, 0.2522

Inverse Universe

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



48.3711, 0.3386, 0.2576



44.7250, 0.3460, 0.2429



75.8543, 0.3782, 0.4022



17.4413, 0.3179, 0.3117



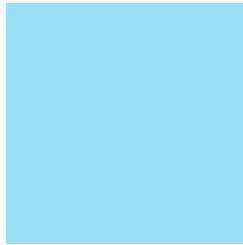
12.6329, 0.4020, 0.1988



1.1875, 0.3901, 0.1923

Previews

White Background



This preview shows how the Yxy color 66.4227, 0.2555, 0.2996 looks on a white background.

Color Contrast Check

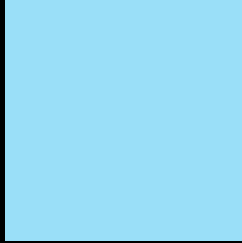
Large Text (above 18pt) WCAG AA × Fail

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 66.4227, 0.2555, 0.2996 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 66.4227, 0.2555, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 66.4227, 0.2555, 0.2996.



This preview shows how white text looks on a background with the Yxy color 66.4227, 0.2555, 0.2996.

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

66.4227, 0.2555, 0.2996

Protanopia

65.7944, 0.2914, 0.2960

Deuteranopia

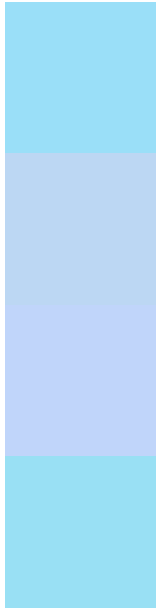
65.7368, 0.2879, 0.2817



Tritanopia

66.3975, 0.2577, 0.3075

Trichromacy



Original Color

66.4227, 0.2555, 0.2996

Protanomaly

65.7633, 0.2767, 0.2972

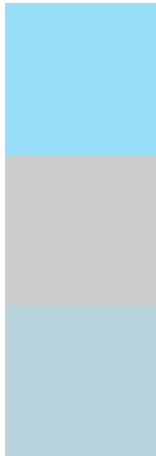
Deuteranomaly

65.6971, 0.2750, 0.2878

Tritanomaly

66.6153, 0.2572, 0.3053

Monochromacy



Original Color

66.4227, 0.2555, 0.2996

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.7465, 0.2884, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4227, 0.2555, 0.2996 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(154, 223, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 223, 248) }
```

Border

The CSS property to change the border of an element to Yxy 66.4227, 0.2555, 0.2996 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, 248) }
```

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

```
.border{ border-color:rgb(154, 223, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(154, 223,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4227, 0.2555, 0.2996 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, 248) }
```

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

```
.background{ background-color: rgb(154,  
223, 248) }
```

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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