

Converting Colors

$Yxy(67.1536, 0.2506, 0.3087)$

Have a look what the booklet for
Yxy(67.1536, 0.2506, 0.3087)
contains.

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Color

Yxy(66.9588, 0.2508, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	8BE3F4
RGB	139, 227, 244
RGB Percent	55%, 89%, 96%
CMY	0.4553, 0.1097, 0.0431
CMYK	0.43, 0.07, 0.00, 0.04
HSL	190°, 83%, 75%
HSV	190°, 43%, 96%
XYZ	54.4352, 66.9588, 95.6523
YIQ	202.6260, -57.9050, -13.3690

Conversions

Conversions Part 2

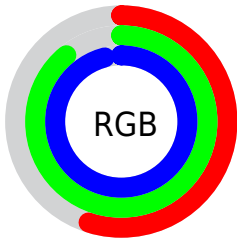
Format	Color
R _Y B	139, 187, 244
Decimal	9167860
CIE Lab	85.48, -22.20, -16.58
CIE LCh	85, 27.707, 216.745
Yxy	66.9588, 0.2508, 0.3085
Android (android.graphics.Color)	4287357940 (0xFF8BE3F4)
YUV	202.6260, 20.3974, -55.8000
Hunter-Lab	81.8284, -24.4549, -12.0265

Details

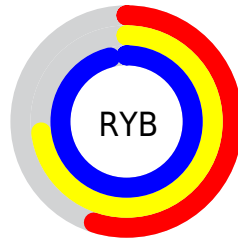
The Yxy color **66.9588, 0.2508, 0.3085** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **44.8417, 0.4177, 0.3479**, and the grayscale version is **59.3606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **34.5060, 0.2364, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **62.9578, 0.2393, 0.3029**, and if you desaturate by 10%, it is **71.4831, 0.2637, 0.3138**.

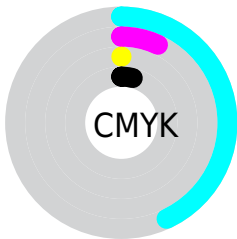
Distribution



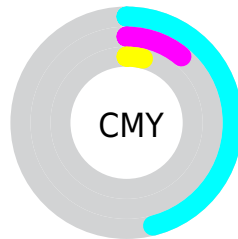
- Red (55%)
- Green (89%)
- Blue (96%)



- Red (55%)
- Yellow (73%)
- Blue (96%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (46%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9588, 0.2508, 0.3085 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 66.9588, 0.2508, 0.3085 by changing the saturation by 10% instead.


 66.9588, 0.2508,
0.3085


 66.9588, 0.2508,
0.3085


449.7981, 0.2792,
0.3188

 49.0511, 0.2444,
0.3060

 114.8614, 0.2606,
0.3122

 34.6601, 0.2366,
0.3028


 145.6251, 0.2644,
0.3136

 23.4011, 0.2267,
0.2986


181.4429, 0.2677,
0.3148

 14.8900, 0.2141,
0.2929

222.6993, 0.2706,
0.3158

 8.7422, 0.1972,
0.2847

269.7786, 0.2731,
0.3167

 4.5734, 0.1738,
0.2722

323.0653, 0.2754,

 1.9992, 0.1398,

0.3175

0.2514

382.9436, 0.2774,
0.3182

0.6070, 0.0128,
0.2216

0.0000, 0.0000,
0.0000

66.9588, 0.2508,
0.3085

66.9588, 0.2508,
0.3085

62.9578, 0.2393,
0.3029

71.4831, 0.2637,
0.3138

59.4404, 0.2296,
0.2972

76.5518, 0.2777,
0.3188

56.3734, 0.2217,
0.2913

82.1942, 0.2926,
0.3235

53.7155, 0.2158,
0.2855

88.4352, 0.3079,
0.3278

■ 51.4166, 0.2118,
0.2797

■ 94.1587, 0.3197,
0.3317

■ 49.9830, 0.2099,
0.2757

■ 96.5943, 0.3194,
0.3354

■ 99.0813, 0.3191,
0.3392

■ 99.3124, 0.3191,
0.3395

Harmonies

Analogous

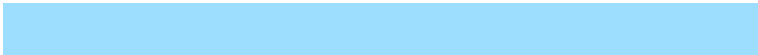
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9588, 0.2667, 0.3410



66.9588, 0.2508, 0.3085



66.9588, 0.2504, 0.2843

Triad

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



66.9588, 0.2508, 0.3085



66.9588, 0.3281, 0.2913



66.9588, 0.3601, 0.3874

Complementary

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



66.9588, 0.2508, 0.3085



44.8417, 0.4177, 0.3479

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.



66.9588, 0.3787, 0.3700



66.9588, 0.2508, 0.3085



66.9588, 0.3600, 0.3154

Square

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



66.9588, 0.2508, 0.3085



66.9588, 0.2935, 0.2762



66.9588, 0.3789, 0.3436



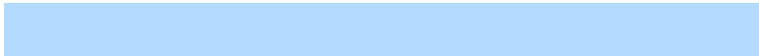
66.9588, 0.3292, 0.3889

Rectangle

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



66.9588, 0.2508, 0.3085



66.9588, 0.2589, 0.2754



66.9588, 0.3789, 0.3436



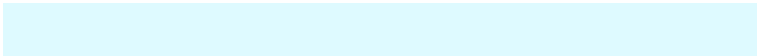
66.9588, 0.3680, 0.3831

Sweetspot

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



66.9614, 0.2508, 0.3085



90.8734, 0.2926, 0.3235



72.5459, 0.2985, 0.4431



19.1432, 0.2893, 0.3225



0.0000, 0.0000, 0.0000



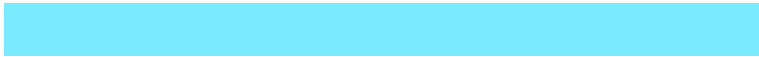
21.4041, 0.3127, 0.3290

Same Dimension

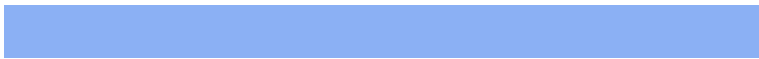
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9614, 0.2508, 0.3085



69.9815, 0.2404, 0.3035



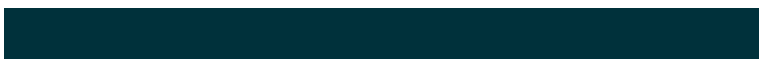
42.9449, 0.2397, 0.2426



18.2747, 0.2980, 0.3251



27.3451, 0.2102, 0.2767



2.5227, 0.2122, 0.2839

Inverse Universe

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



43.2213, 0.3328, 0.2382



41.1927, 0.3382, 0.2210



65.8323, 0.3926, 0.4017



16.7196, 0.3163, 0.3094



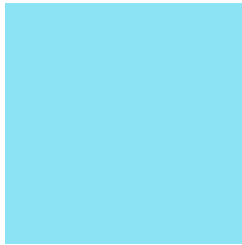
12.8599, 0.3666, 0.1793



1.1423, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 66.9588, 0.2508, 0.3085 looks on a white background.

Color Contrast Check

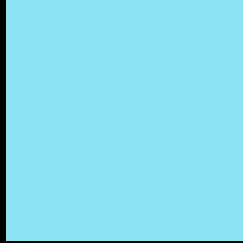
Large Text (above 18pt) WCAG AA × Fail

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 66.9588, 0.2508, 0.3085 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 66.9588, 0.2508, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 66.9588, 0.2508, 0.3085.

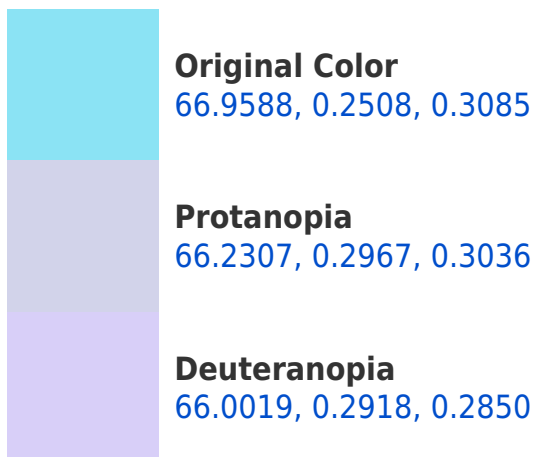


This preview shows how white text looks on a background with the Yxy color 66.9588, 0.2508, 0.3085.

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

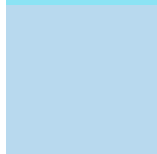
67.0197, 0.2504, 0.3073

Trichromacy



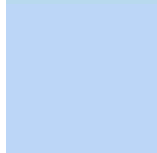
Original Color

66.9588, 0.2508, 0.3085



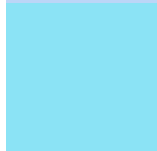
Protanomaly

65.9891, 0.2772, 0.3048



Deuteranomaly

65.4999, 0.2743, 0.2918



Tritanomaly

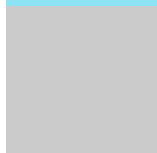
67.0197, 0.2504, 0.3073

Monochromacy



Original Color

66.9588, 0.2508, 0.3085



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.8522, 0.2862, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9588, 0.2508, 0.3085 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(139, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(139, 227, 244)  
}
```

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(139, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 227, 244) }
```

Border

The CSS property to change the border of an element to Yxy 66.9588, 0.2508, 0.3085 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(139, 227, 244) }
```

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

```
.border{ border-color:rgb(139, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(139, 227,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9588, 0.2508, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 227, 244) }
```

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

```
.background{ background-color: rgb(139,  
227, 244) }
```

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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