

Converting Colors

Yxy(67.2489, 0.2532, 0.3098)

Have a look what the booklet for
Yxy(67.2489, 0.2532, 0.3098)
contains.

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Color

Yxy(67.2489, 0.2532, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	8FE3F3
RGB	143, 227, 243
RGB Percent	56%, 89%, 95%
CMY	0.4395, 0.1097, 0.0471
CMYK	0.41, 0.07, 0.00, 0.05
HSL	190°, 81%, 76%
HSV	190°, 41%, 95%
XYZ	54.9626, 67.2489, 94.8605
YIQ	203.7080, -55.2000, -12.8320

Conversions

Conversions Part 2

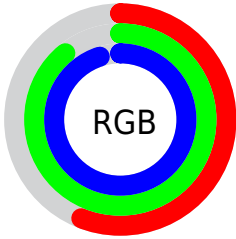
Format	Color
R_{YB}	143, 189, 243
Decimal	9430003
CIE _{Lab}	85.63, -21.50, -15.79
CIE _{LCh}	86, 26.674, 216.305
Yxy	67.2489, 0.2532, 0.3098
Android (android.graphics.Color)	4287620083 (0xFF8FE3F3)
YUV	203.7080, 19.3710, -53.2409
Hunter-Lab	82.0054, -23.8732, -11.1804

Details

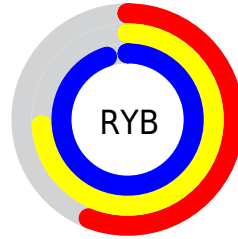
The Yxy color **67.2489, 0.2532, 0.3098** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.7923, 0.4112, 0.3469**, and the grayscale version is **60.0829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **34.6921, 0.2394, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **63.2170, 0.2415, 0.3043**, and if you desaturate by 10%, it is **71.8033, 0.2663, 0.3150**.

Distribution



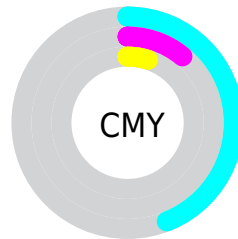
- Red (56%)
- Green (89%)
- Blue (95%)



- Red (56%)
- Yellow (74%)
- Blue (95%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (44%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2489, 0.2532, 0.3098 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 67.2489, 0.2532, 0.3098 by changing the saturation by 10% instead.

 67.2489, 0.2532,
0.3098


 67.2489, 0.2532,
0.3098


450.8302, 0.2805,
0.3194

 49.2869, 0.2470,
0.3074


 115.2770, 0.2626,
0.3133

 34.8471, 0.2395,
0.3044


 146.1119, 0.2663,
0.3146

 23.5452, 0.2300,
0.3005


182.0066, 0.2695,
0.3157

 14.9966, 0.2178,
0.2952

223.3454, 0.2722,
0.3166

 8.8170, 0.2015,
0.2875

270.5128, 0.2747,
0.3175

 4.6220, 0.1788,
0.2758

323.8931, 0.2768,

 2.0272, 0.1455,

0.3182

0.2562

383.8708, 0.2788,
0.3188

0.6232, 0.0248,
0.2285

0.0000, 0.0000,
0.0000

67.2489, 0.2532,
0.3098

67.2489, 0.2532,
0.3098

63.2170, 0.2415,
0.3043

71.8033, 0.2663,
0.3150

59.6687, 0.2314,
0.2987

76.9006, 0.2805,
0.3199

56.5722, 0.2232,
0.2930

82.5694, 0.2955,
0.3244

53.8879, 0.2170,
0.2872

88.8338, 0.3109,
0.3285

■ 51.5682, 0.2127,
0.2815

■ 93.8856, 0.3203,
0.3323

■ 49.7574, 0.2101,
0.2765

■ 96.2737, 0.3200,
0.3360

■ 98.7114, 0.3198,
0.3397

■ 99.2499, 0.3197,
0.3405

Harmonies

Analogous

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



67.2489, 0.2688, 0.3410



67.2489, 0.2532, 0.3098



67.2489, 0.2526, 0.2863

Triad

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



67.2489, 0.2532, 0.3098



67.2489, 0.3271, 0.2924



67.2489, 0.3587, 0.3850

Complementary

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



67.2489, 0.2532, 0.3098



45.7923, 0.4112, 0.3469

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.



67.2489, 0.3763, 0.3682



67.2489, 0.2532, 0.3098



67.2489, 0.3578, 0.3156

Square

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



67.2489, 0.2532, 0.3098



67.2489, 0.2938, 0.2780



67.2489, 0.3761, 0.3428



67.2489, 0.3291, 0.3866

Rectangle

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



67.2489, 0.2532, 0.3098



67.2489, 0.2607, 0.2775



67.2489, 0.3761, 0.3428



67.2489, 0.3662, 0.3808

Sweetspot

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



67.2515, 0.2532, 0.3098



91.5758, 0.2942, 0.3240



72.3893, 0.2991, 0.4371



19.4173, 0.2922, 0.3235



0.0000, 0.0000, 0.0000



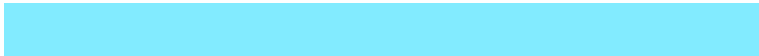
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2515, 0.2532, 0.3098



71.4237, 0.2438, 0.3055



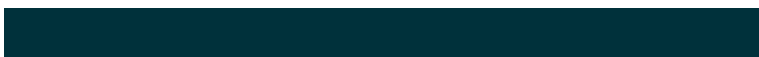
44.1240, 0.2431, 0.2471



18.2811, 0.2980, 0.3251



27.4801, 0.2104, 0.2774



2.5333, 0.2124, 0.2845

Inverse Universe

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



44.2229, 0.3315, 0.2418



43.2405, 0.3362, 0.2263



66.1261, 0.3885, 0.3986



16.7202, 0.3162, 0.3093



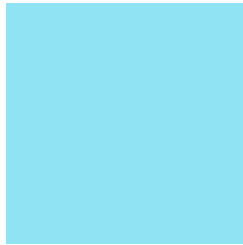
12.8735, 0.3659, 0.1789



1.1434, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 67.2489, 0.2532, 0.3098 looks on a white background.

Color Contrast Check

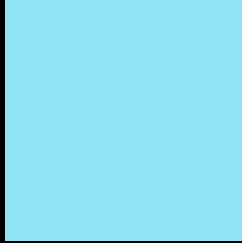
Large Text (above 18pt) WCAG AA × Fail

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 67.2489, 0.2532, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

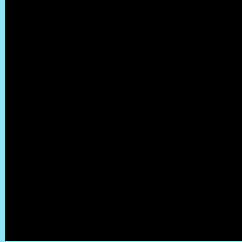
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2489, 0.2532, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 67.2489, 0.2532, 0.3098.

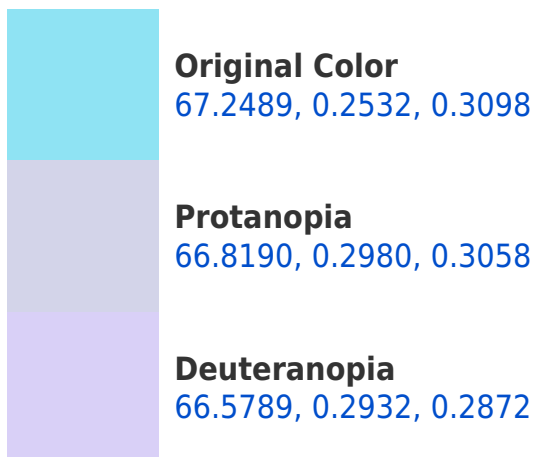


This preview shows how white text looks on a background with the Yxy color 67.2489, 0.2532, 0.3098.

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

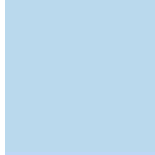
67.3704, 0.2523, 0.3075

Trichromacy



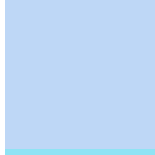
Original Color

67.2489, 0.2532, 0.3098



Protanomaly

66.1792, 0.2791, 0.3060



Deuteranomaly

66.2018, 0.2762, 0.2941



Tritanomaly

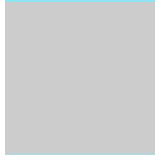
67.3095, 0.2527, 0.3086

Monochromacy



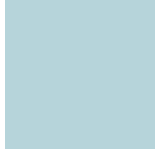
Original Color

67.2489, 0.2532, 0.3098



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.0940, 0.2876, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2489, 0.2532, 0.3098 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(143, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(143, 227, 243)  
}
```

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(143, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 227, 243) }
```

Border

The CSS property to change the border of an element to Yxy 67.2489, 0.2532, 0.3098 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(143, 227, 243) }
```

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

```
.border{ border-color:rgb(143, 227, 243) }
```

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

Here you see how a box with a 4 pixel rgb(143, 227, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(143, 227,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2489, 0.2532, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 227, 243) }
```

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

```
.background{ background-color: rgb(143,  
227, 243) }
```

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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