

Converting Colors

Yxy(67.4530, 0.2595, 0.3060)

Have a look what the booklet for
Yxy(67.4530, 0.2595, 0.3060)
contains.

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Color

Yxy(67.5502, 0.2594, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	9DE1F4
RGB	157, 225, 244
RGB Percent	62%, 88%, 96%
CMY	0.3845, 0.1176, 0.0431
CMYK	0.36, 0.08, 0.00, 0.04
HSL	193°, 80%, 79%
HSV	193°, 36%, 96%
XYZ	57.1511, 67.5502, 95.6190
YIQ	206.8340, -46.6270, -8.5070

Conversions

Conversions Part 2

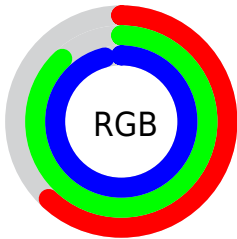
Format	Color
RYB	157, 195, 244
Decimal	10346996
CIELab	85.78, -16.69, -16.04
CIELCh	86, 23.150, 223.858
Yxy	67.5502, 0.2594, 0.3066
Android (android.graphics.Color)	4288537076 (0xFF9DE1F4)
YUV	206.8340, 18.3228, -43.7044
Hunter-Lab	82.1889, -19.7085, -11.4460

Details

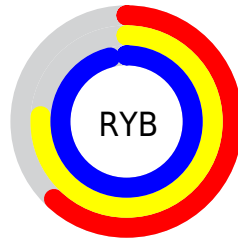
The Yxy color **67.5502, 0.2594, 0.3066** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6929, 0.3913, 0.3500**, and the grayscale version is **62.1812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **35.2051, 0.2473, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **62.5061, 0.2463, 0.2992**, and if you desaturate by 10%, it is **73.1793, 0.2736, 0.3135**.

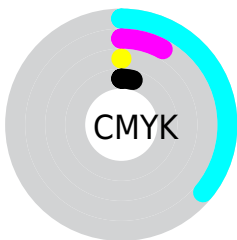
Distribution



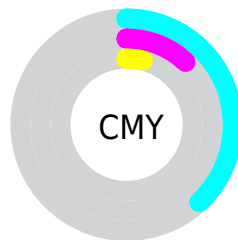
- Red (62%)
- Green (88%)
- Blue (96%)



- Red (62%)
- Yellow (76%)
- Blue (96%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)





- Cyan (38%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5502, 0.2594, 0.3066 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 67.5502, 0.2594, 0.3066 by changing the saturation by 10% instead.


 67.5502, 0.2594,
0.3066

 67.5502, 0.2594,
0.3066


451.9007, 0.2839,
0.3175

 49.5319, 0.2539,
0.3040


 115.7084, 0.2679,
0.3105

 35.0416, 0.2471,
0.3007


 146.6172, 0.2712,
0.3120

 23.6949, 0.2385,
0.2964


182.5915, 0.2740,
0.3133

 15.1075, 0.2275,
0.2906

224.0158, 0.2765,
0.3144

 8.8948, 0.2126,
0.2825

271.2744, 0.2787,
0.3153

 4.6727, 0.1919,
0.2703

324.7519, 0.2806,

 2.0565, 0.1611,

0.3161

384.8325, 0.2823,
0.3169

0.2503

0.6400, 0.0684,
0.2180

0.0000, 0.0000,
0.0000

67.5502, 0.2594,
0.3066

67.5502, 0.2594,
0.3066

62.5061, 0.2463,
0.2992

73.1793, 0.2736,
0.3135

58.0090, 0.2345,
0.2915

79.4132, 0.2886,
0.3200

54.0282, 0.2245,
0.2835

86.2803, 0.3039,
0.3259

50.5262, 0.2163,
0.2754

93.8046, 0.3194,
0.3312

■ 47.4593, 0.2101,
0.2673

■ 97.1806, 0.3193,
0.3363

■ 44.7738, 0.2059,
0.2593

■ 99.3121, 0.3191,
0.3395

■ 43.6965, 0.2044,
0.2558

Harmonies

Analogous

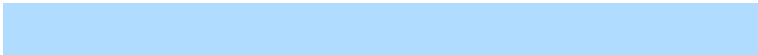
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5502, 0.2699, 0.3325



67.5502, 0.2594, 0.3066



67.5502, 0.2623, 0.2885

Triad

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



67.5502, 0.2594, 0.3066



67.5502, 0.3325, 0.3016



67.5502, 0.3470, 0.3793

Complementary

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



67.5502, 0.2594, 0.3066



52.6929, 0.3913, 0.3500

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.



67.5502, 0.3653, 0.3679



67.5502, 0.2594, 0.3066



67.5502, 0.3570, 0.3233

Square

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



67.5502, 0.2594, 0.3066



67.5502, 0.3034, 0.2866



67.5502, 0.3692, 0.3472



67.5502, 0.3199, 0.3764

Rectangle

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



67.5502, 0.2594, 0.3066



67.5502, 0.2715, 0.2826



67.5502, 0.3692, 0.3472



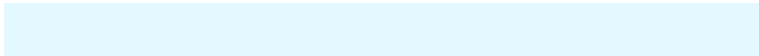
67.5502, 0.3544, 0.3769

Sweetspot

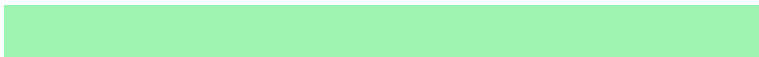
The Sweet Spot groups the original color and five complimentary colors.



67.5529, 0.2594, 0.3066



91.2205, 0.2957, 0.3228



74.9953, 0.2976, 0.4128



19.3063, 0.2936, 0.3220



0.0000, 0.0000, 0.0000



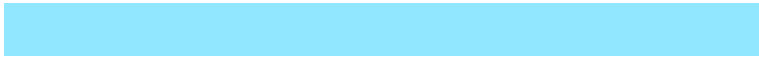
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5529, 0.2594, 0.3066



70.4680, 0.2495, 0.3012



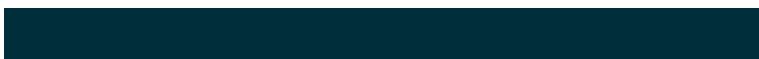
46.9918, 0.2519, 0.2526



18.1084, 0.2980, 0.3237



23.9681, 0.2048, 0.2571



2.2549, 0.2076, 0.2672

Inverse Universe

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



48.7665, 0.3330, 0.2579



47.3920, 0.3384, 0.2436



72.5072, 0.3749, 0.3950



16.7028, 0.3171, 0.3107



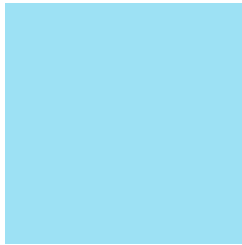
12.5190, 0.3852, 0.1896



1.1153, 0.3755, 0.1842

Previews

White Background



This preview shows how the Yxy color 67.5502, 0.2594, 0.3066 looks on a white background.

Color Contrast Check

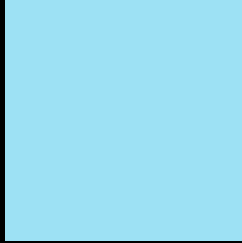
Large Text (above 18pt) WCAG AA × Fail

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 67.5502, 0.2594, 0.3066 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 67.5502, 0.2594, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 67.5502, 0.2594, 0.3066.

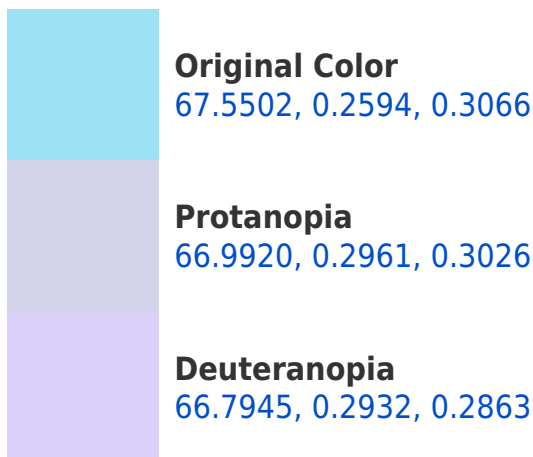


This preview shows how white text looks on a background with the Yxy color 67.5502, 0.2594, 0.3066.

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

67.4896, 0.2599, 0.3077

Trichromacy



Original Color

67.5502, 0.2594, 0.3066

Protanomaly

66.9341, 0.2811, 0.3041

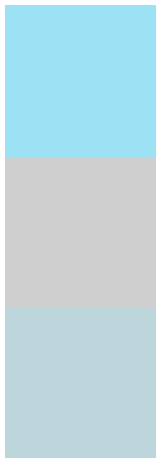
Deuteranomaly

66.5443, 0.2794, 0.2923

Tritanomaly

67.4896, 0.2599, 0.3077

Monochromacy



Original Color

67.5502, 0.2594, 0.3066

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

64.0793, 0.2911, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5502, 0.2594, 0.3066 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(157, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(157, 225, 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(157, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 225, 244) }
```

Border

The CSS property to change the border of an element to Yxy 67.5502, 0.2594, 0.3066 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(157, 225, 244) }
```

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

```
.border{ border-color:rgb(157, 225, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 225, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(157, 225,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5502, 0.2594, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 225, 244) }
```

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

```
.background{ background-color: rgb(157,  
225, 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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