

Converting Colors

$Y_{xy}(66.1320, 0.2542, 0.3129)$

Have a look what the booklet for
Yxy(66.1320, 0.2542, 0.3129)
contains.

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Color

Yxy(66.2874, 0.2540, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	8DE2EF
RGB	141, 226, 239
RGB Percent	55%, 89%, 94%
CMY	0.4470, 0.1137, 0.0629
CMYK	0.41, 0.05, 0.00, 0.06
HSL	188°, 75%, 75%
HSV	188°, 41%, 94%
XYZ	53.7580, 66.2874, 91.6002
YIQ	202.0670, -54.8330, -13.9770

Conversions

Conversions Part 2

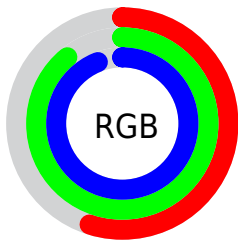
Format	Color
RYB	141, 187, 239
Decimal	9298671
CIELab	85.14, -22.46, -14.42
CIELCh	85, 26.693, 212.695
Yxy	66.2874, 0.2540, 0.3132
Android (android.graphics.Color)	4287488751 (0xFF8DE2EF)
YUV	202.0670, 18.2080, -53.5558
Hunter-Lab	81.4171, -24.6201, -9.7137

Details

The Yxy color **66.2874, 0.2540, 0.3132** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **43.3723, 0.4118, 0.3438**, and the grayscale version is **59.0182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **34.0532, 0.2403, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **62.7117, 0.2426, 0.3087**, and if you desaturate by 10%, it is **70.3520, 0.2669, 0.3175**.

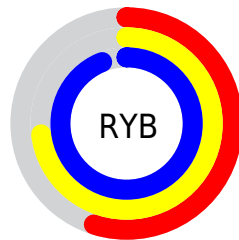
Distribution



Red (55%)

Green (89%)

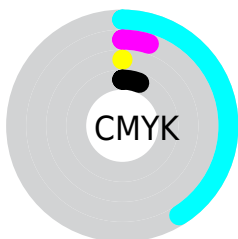
Blue (94%)



Red (55%)

Yellow (73%)

Blue (94%)

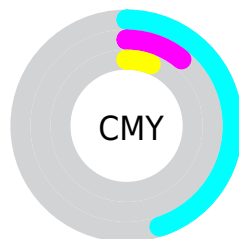


Cyan (41%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (45%)


Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2874, 0.2540, 0.3132 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 66.2874, 0.2540, 0.3132 by changing the saturation by 10% instead.

 66.2874, 0.2540,
0.3132


 66.2874, 0.2540,
0.3132


447.4040, 0.2810,
0.3212

 48.5057, 0.2479,
0.3112

 113.8987, 0.2633,
0.3161

 34.2276, 0.2404,
0.3086


 144.4972, 0.2670,
0.3172

 23.0685, 0.2309,
0.3052

180.1367, 0.2701,
0.3182

 14.6441, 0.2187,
0.3006

221.2017, 0.2729,
0.3190

 8.5700, 0.2023,
0.2938

268.0765, 0.2753,
0.3196

 4.4618, 0.1793,
0.2833

321.1456, 0.2774,

 1.9351, 0.1455,

0.3202

0.2652

380.7933, 0.2793,
0.3208

0.5693, 0.0000,
0.2411

0.0000, 0.0000,
0.0000

66.2874, 0.2540,
0.3132

66.2874, 0.2540,
0.3132

62.7117, 0.2426,
0.3087

70.3520, 0.2669,
0.3175

59.5875, 0.2328,
0.3041


74.9245, 0.2809,
0.3215

56.8845, 0.2250,
0.2994


80.0324, 0.2958,
0.3252


54.5648, 0.2191,
0.2947


85.6987, 0.3112,
0.3287

 52.5833, 0.2150,
0.2900

 90.8882, 0.3231,
0.3318

 51.0223, 0.2128,
0.2859

 92.7855, 0.3229,
0.3349

 94.7156, 0.3226,
0.3379

 96.6785, 0.3224,
0.3409

 98.6745, 0.3221,
0.3439

Harmonies

Analogous

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



66.2874, 0.2713, 0.3449



66.2874, 0.2540, 0.3132



66.2874, 0.2516, 0.2883

Triad

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



66.2874, 0.2540, 0.3132



66.2874, 0.3231, 0.2899



66.2874, 0.3618, 0.3840

Complementary

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



66.2874, 0.2540, 0.3132



43.3723, 0.4118, 0.3438

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.



66.2874, 0.3776, 0.3656



66.2874, 0.2540, 0.3132



66.2874, 0.3548, 0.3124

Square

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



66.2874, 0.2540, 0.3132



66.2874, 0.2900, 0.2767



66.2874, 0.3752, 0.3395



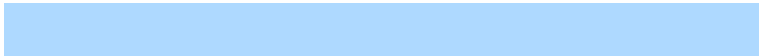
66.2874, 0.3331, 0.3877

Rectangle

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



66.2874, 0.2540, 0.3132



66.2874, 0.2585, 0.2784



66.2874, 0.3752, 0.3395



66.2874, 0.3689, 0.3792

Sweetspot

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



66.2900, 0.2540, 0.3132



92.0943, 0.2942, 0.3249



69.6617, 0.3009, 0.4408



19.5400, 0.2922, 0.3244



0.0000, 0.0000, 0.0000



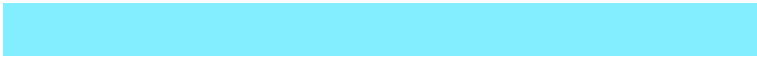
21.4041, 0.3127, 0.3290

Same Dimension

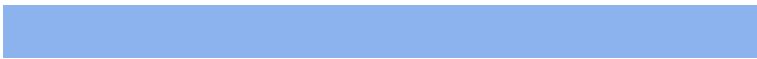
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2900, 0.2540, 0.3132



73.3882, 0.2445, 0.3096



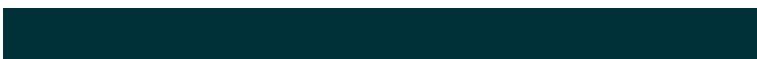
43.9586, 0.2442, 0.2520



17.5512, 0.2981, 0.3258



28.3433, 0.2130, 0.2866



2.4560, 0.2147, 0.2927

Inverse Universe

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



42.8896, 0.3290, 0.2398



43.4388, 0.3330, 0.2235



62.2385, 0.3895, 0.3949



15.9933, 0.3158, 0.3088



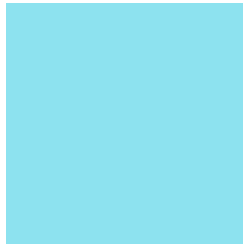
12.6546, 0.3574, 0.1743



1.0627, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 66.2874, 0.2540, 0.3132 looks on a white background.

Color Contrast Check

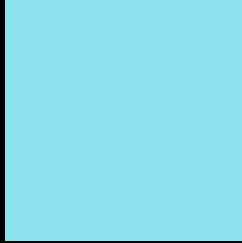
Large Text (above 18pt) WCAG AA × Fail

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 66.2874, 0.2540, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

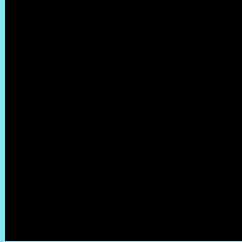
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2874, 0.2540, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 66.2874, 0.2540, 0.3132.

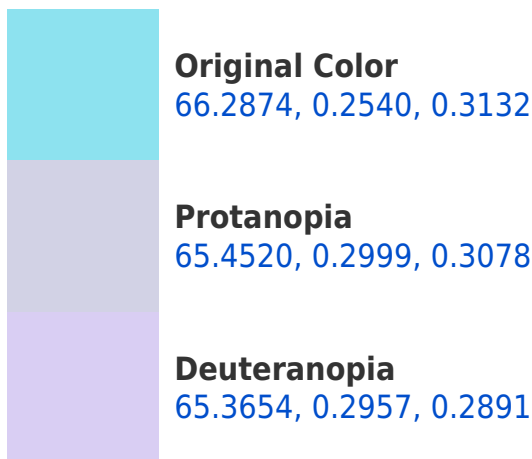


This preview shows how white text looks on a background with the Yxy color 66.2874, 0.2540, 0.3132.

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

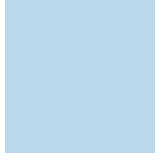
66.0723, 0.2523, 0.3073

Trichromacy



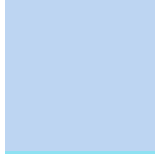
Original Color

66.2874, 0.2540, 0.3132



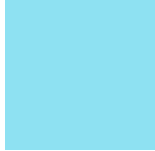
Protanomaly

65.3092, 0.2807, 0.3093



Deuteranomaly

64.8181, 0.2777, 0.2961



Tritanomaly

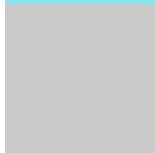
66.0120, 0.2528, 0.3084

Monochromacy



Original Color

66.2874, 0.2540, 0.3132



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

61.1981, 0.2880, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2874, 0.2540, 0.3132 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(141, 226, 239)` looks like.

```
.text, #text, p{  
    color:rgb(141, 226, 239)  
}
```

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(141, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 226, 239) }
```

Border

The CSS property to change the border of an element to Yxy 66.2874, 0.2540, 0.3132 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(141, 226, 239) }
```

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

```
.border{ border-color:rgb(141, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(141, 226,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2874, 0.2540, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 226, 239) }
```

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

```
.background{ background-color: rgb(141,  
226, 239) }
```

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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