

Converting Colors

$Yxy(65.8988, 0.2435, 0.3051)$

Have a look what the booklet for
Yxy(65.8988, 0.2435, 0.3051)
contains.

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Color

Yxy(65.9520, 0.2437, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	7DE3F6
RGB	125, 227, 246
RGB Percent	49%, 89%, 96%
CMY	0.5099, 0.1098, 0.0352
CMYK	0.49, 0.08, 0.00, 0.04
HSL	189°, 87%, 73%
HSV	189°, 49%, 96%
XYZ	52.5589, 65.9520, 97.1595
YIQ	198.6680, -66.8910, -15.7150

Conversions

Conversions Part 2

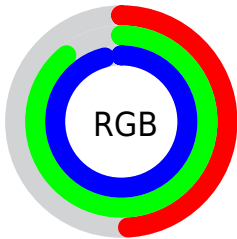
Format	Color
R _Y B	125, 180, 246
Decimal	8250358
CIE Lab	84.97, -24.83, -18.46
CIE LCh	85, 30.935, 216.632
Yxy	65.9520, 0.2437, 0.3058
Android (android.graphics.Color)	4286440438 (0xFF7DE3F6)
YUV	198.6680, 23.3347, -64.6068
Hunter-Lab	81.2108, -26.5955, -14.0861

Details

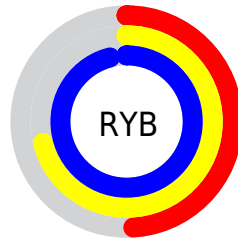
The Yxy color **65.9520, 0.2437, 0.3058** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.0151, 0.4407, 0.3497**, and the grayscale version is **56.7828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **33.8677, 0.2275, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **62.2374, 0.2333, 0.3003**, and if you desaturate by 10%, it is **70.1774, 0.2557, 0.3111**.

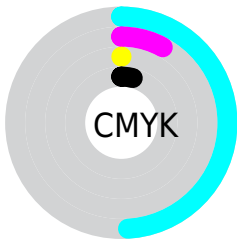
Distribution



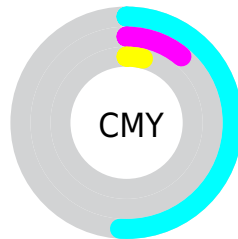
- Red (49%)
- Green (89%)
- Blue (96%)



- Red (49%)
- Yellow (71%)
- Blue (96%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)





- Cyan (51%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9520, 0.2437, 0.3058 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 65.9520, 0.2437, 0.3058 by changing the saturation by 10% instead.


 65.9520, 0.2437,
0.3058


 65.9520, 0.2437,
0.3058


446.2052, 0.2753,
0.3175

 48.2334, 0.2366,
0.3029


 113.4174, 0.2546,
0.3100

 34.0118, 0.2279,
0.2992


 143.9331, 0.2588,
0.3116

 22.9027, 0.2171,
0.2944


 179.4833, 0.2625,
0.3130

 14.5216, 0.2031,
0.2878

220.4523, 0.2657,
0.3142

 8.4844, 0.1846,
0.2784

267.2246, 0.2685,
0.3152

 4.4064, 0.1593,
0.2640

320.1846, 0.2710,

 1.9034, 0.1231,

0.3160

0.2400

379.7167, 0.2733,
0.3168

0.5504, 0.0000,
0.1989

0.0000, 0.0000,
0.0000

65.9520, 0.2437,
0.3058

65.9520, 0.2437,
0.3058

62.2374, 0.2333,
0.3003

70.1774, 0.2557,
0.3111

58.9914, 0.2248,
0.2946

74.9374, 0.2690,
0.3162

56.1767, 0.2182,
0.2890

80.2631, 0.2834,
0.3209

53.7463, 0.2136,
0.2833

86.1808, 0.2985,
0.3253

■ 51.6287, 0.2106,
0.2778

■ 92.7153, 0.3140,
0.3293

■ 51.4663, 0.2104,
0.2773

■ 96.4018, 0.3182,
0.3330

■ 98.8298, 0.3180,
0.3367

■ 99.4347, 0.3179,
0.3376

Harmonies

Analogous

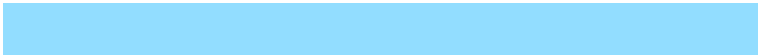
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.9520, 0.2613, 0.3424



65.9520, 0.2437, 0.3058



65.9520, 0.2433, 0.2789

Triad

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



65.9520, 0.2437, 0.3058



65.9520, 0.3297, 0.2870



65.9520, 0.3657, 0.3944

Complementary

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



65.9520, 0.2437, 0.3058



41.0151, 0.4407, 0.3497

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.



65.9520, 0.3868, 0.3743



65.9520, 0.2437, 0.3058



65.9520, 0.3657, 0.3135

Square

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



65.9520, 0.2437, 0.3058



65.9520, 0.2909, 0.2702



65.9520, 0.3870, 0.3448



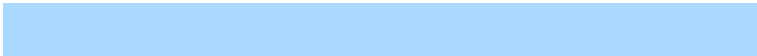
65.9520, 0.3311, 0.3967

Rectangle

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



65.9520, 0.2437, 0.3058



65.9520, 0.2526, 0.2691



65.9520, 0.3870, 0.3448



65.9520, 0.3747, 0.3893

Sweetspot

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



65.9545, 0.2437, 0.3058



89.6808, 0.2896, 0.3228



72.2653, 0.2970, 0.4627



18.9107, 0.2865, 0.3219



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.



65.9545, 0.2437, 0.3058



67.5579, 0.2334, 0.3003



38.7730, 0.2287, 0.2276



18.2885, 0.2980, 0.3252



27.6380, 0.2106, 0.2782



2.5458, 0.2126, 0.2853

Inverse Universe

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



39.8015, 0.3359, 0.2258



37.0624, 0.3419, 0.2087



64.0945, 0.4059, 0.4115



16.7210, 0.3162, 0.3093



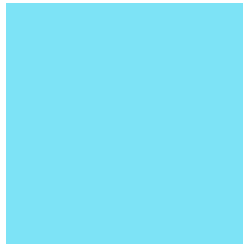
12.8894, 0.3651, 0.1785



1.1446, 0.3586, 0.1749

Previews

White Background



This preview shows how the Yxy color 65.9520, 0.2437, 0.3058 looks on a white background.

Color Contrast Check

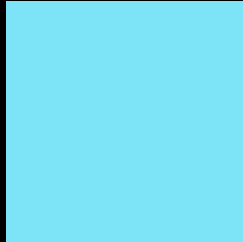
Large Text (above 18pt) WCAG AA × Fail

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 65.9520, 0.2437, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

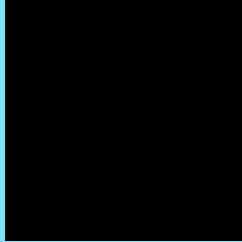
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9520, 0.2437, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 65.9520, 0.2437, 0.3058.

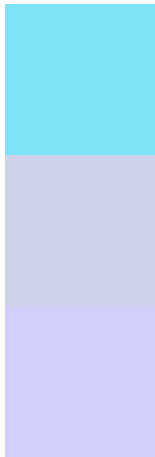


This preview shows how white text looks on a background with the Yxy color 65.9520, 0.2437, 0.3058.

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

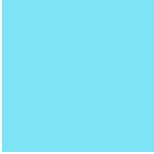
65.9520, 0.2437, 0.3058

Protanopia

65.0090, 0.2946, 0.3001

Deuteranopia

65.1047, 0.2871, 0.2805



Tritanopia

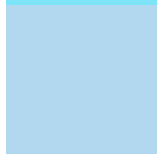
65.8907, 0.2442, 0.3070

Trichromacy



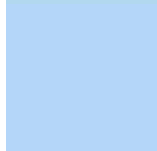
Original Color

65.9520, 0.2437, 0.3058



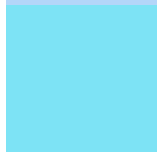
Protanomaly

64.8087, 0.2728, 0.3023



Deuteranomaly

64.6360, 0.2683, 0.2891



Tritanomaly

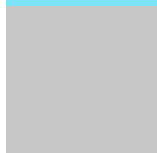
65.8907, 0.2442, 0.3070

Monochromacy



Original Color

65.9520, 0.2437, 0.3058



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

59.3295, 0.2819, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9520, 0.2437, 0.3058 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(125, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(125, 227, 246)  
}
```

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(125, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 227, 246) }
```

Border

The CSS property to change the border of an element to Yxy 65.9520, 0.2437, 0.3058 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(125, 227, 246) }
```

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

```
.border{ border-color:rgb(125, 227, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 227, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 227, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 227, 246);  
box-shadow:4px 4px 4px 4px rgb(125, 227,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9520, 0.2437, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 227, 246) }
```

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

```
.background{ background-color: rgb(125,  
227, 246) }
```

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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