

Converting Colors

$Yxy(64.9657, 0.2460, 0.3052)$

Have a look what the booklet for
Yxy(64.9657, 0.2460, 0.3052)
contains.

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Color

Yxy(65.1279, 0.2463, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	82E1F4
RGB	130, 225, 244
RGB Percent	51%, 88%, 96%
CMY	0.4903, 0.1176, 0.0431
CMYK	0.47, 0.08, 0.00, 0.04
HSL	190°, 84%, 73%
HSV	190°, 47%, 96%
XYZ	52.4559, 65.1279, 95.3917
YIQ	198.7610, -62.7190, -14.2310

Conversions

Conversions Part 2

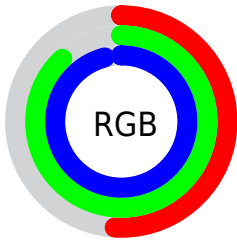
Format	Color
R _Y B	130, 182, 244
Decimal	8577524
CIE Lab	84.55, -23.27, -18.01
CIE LCh	85, 29.429, 217.737
Yxy	65.1279, 0.2463, 0.3058
Android (android.graphics.Color)	4286767604 (0xFF82E1F4)
YUV	198.7610, 22.3028, -60.3034
Hunter-Lab	80.7019, -25.2040, -13.5910

Details

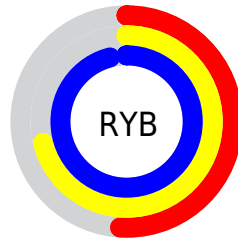
The Yxy color **65.1279, 0.2463, 0.3058** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.3256, 0.4306, 0.3500**, and the grayscale version is **56.8466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **33.6824, 0.2312, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **61.2538, 0.2354, 0.3000**, and if you desaturate by 10%, it is **69.5167, 0.2588, 0.3114**.

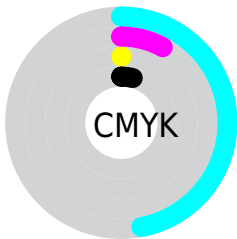
Distribution



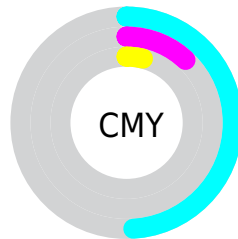
- Red (51%)
- Green (88%)
- Blue (96%)



- Red (51%)
- Yellow (71%)
- Blue (96%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)




- Cyan (49%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1279, 0.2463, 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 65.1279, 0.2463, 0.3058 by changing the saturation by 10% instead.


 65.1279, 0.2463,
0.3058

 65.1279, 0.2463,
0.3058


443.2514, 0.2768,
0.3175

 47.5648, 0.2394,
0.3029


 112.2337, 0.2568,
0.3100

 33.4824, 0.2310,
0.2993


 142.5452, 0.2609,
0.3116

 22.4962, 0.2204,
0.2944


 177.8750, 0.2645,
0.3130

 14.2220, 0.2068,
0.2879

218.6074, 0.2676,
0.3141

 8.2752, 0.1886,
0.2785

265.1269, 0.2703,
0.3151

 4.2716, 0.1636,
0.2642

317.8177, 0.2727,

 1.8266, 0.1274,

0.3160

377.0645, 0.2749,
0.3168

0.2403

0.5037, 0.0000,
0.1951

0.0000, 0.0000,
0.0000

65.1279, 0.2463,
0.3058

65.1279, 0.2463,
0.3058

61.2538, 0.2354,
0.3000

69.5167, 0.2588,
0.3114

57.8536, 0.2262,
0.2940

74.4426, 0.2724,
0.3167

54.8923, 0.2190,
0.2880

79.9356, 0.2871,
0.3216

52.3259, 0.2138,
0.2819

86.0212, 0.3023,
0.3262

■ 50.0988, 0.2104,
0.2760

■ 92.7233, 0.3178,
0.3303

■ 49.4162, 0.2095,
0.2740

■ 95.7836, 0.3195,
0.3342

■ 98.3280, 0.3192,
0.3381

■ 99.3116, 0.3191,
0.3396

Harmonies

Analogous

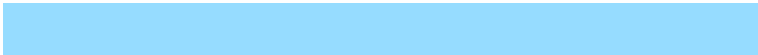
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.1279, 0.2626, 0.3405



65.1279, 0.2463, 0.3058



65.1279, 0.2465, 0.2804

Triad

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



65.1279, 0.2463, 0.3058



65.1279, 0.3304, 0.2895



65.1279, 0.3624, 0.3920

Complementary

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



65.1279, 0.2463, 0.3058



42.3256, 0.4306, 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.



65.1279, 0.3830, 0.3734



65.1279, 0.2463, 0.3058



65.1279, 0.3644, 0.3153

Square

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



65.1279, 0.2463, 0.3058



65.1279, 0.2932, 0.2730



65.1279, 0.3840, 0.3454



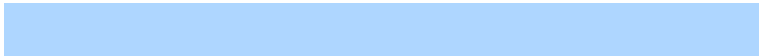
65.1279, 0.3290, 0.3932

Rectangle

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



65.1279, 0.2463, 0.3058



65.1279, 0.2559, 0.2714



65.1279, 0.3840, 0.3454



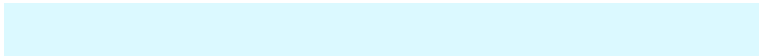
65.1279, 0.3711, 0.3874

Sweetspot

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



65.1304, 0.2463, 0.3058



90.1119, 0.2911, 0.3229



71.5527, 0.2976, 0.4547



18.9867, 0.2879, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

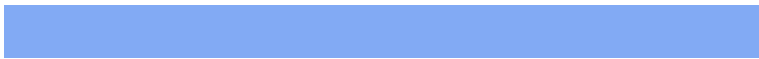
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1304, 0.2463, 0.3058



67.9527, 0.2360, 0.3003



39.9794, 0.2331, 0.2337



18.2605, 0.2980, 0.3250



27.0444, 0.2097, 0.2750



2.4990, 0.2118, 0.2825

Inverse Universe

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



40.6268, 0.3355, 0.2315



38.6745, 0.3414, 0.2147



64.0714, 0.4005, 0.4076



16.7181, 0.3163, 0.3095



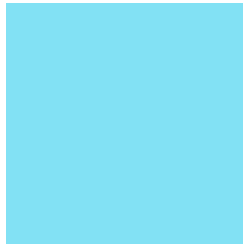
12.8295, 0.3681, 0.1801



1.1399, 0.3612, 0.1763

Previews

White Background



This preview shows how the Yxy color 65.1279, 0.2463, 0.3058 looks on a white background.

Color Contrast Check

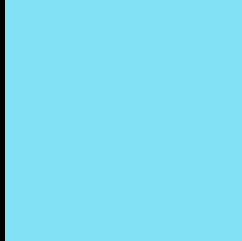
Large Text (above 18pt) WCAG AA × Fail

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 65.1279, 0.2463, 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 65.1279, 0.2463, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 65.1279, 0.2463, 0.3058.

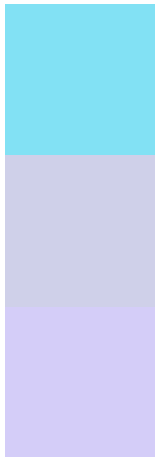


This preview shows how white text looks on a background with the Yxy color 65.1279, 0.2463, 0.3058.

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

65.1279, 0.2463, 0.3058

Protanopia

64.2603, 0.2952, 0.3011

Deuteranopia

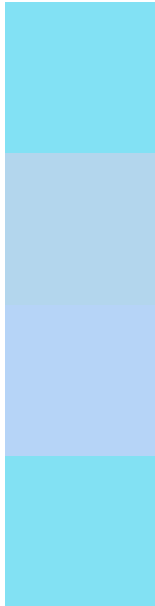
64.4370, 0.2890, 0.2825



Tritanopia

65.0673, 0.2468, 0.3070

Trichromacy



Original Color

65.1279, 0.2463, 0.3058

Protanomaly

63.7913, 0.2744, 0.3022

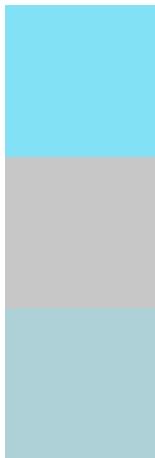
Deuteranomaly

63.7475, 0.2704, 0.2891

Tritanomaly

65.0673, 0.2468, 0.3070

Monochromacy



Original Color

65.1279, 0.2463, 0.3058

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

59.0167, 0.2838, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1279, 0.2463, 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(130, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 225, 244) }
```

Border

The CSS property to change the border of an element to Yxy 65.1279, 0.2463, 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(130, 225, 244) }
```

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

```
.border{ border-color:rgb(130, 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(130, 225, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(130, 225,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1279, 0.2463, 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(130, 225, 244) }
```

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

```
.background{ background-color: rgb(130,  
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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