

Converting Colors

$Yxy(65.9140, 0.2459, 0.3051)$

Have a look what the booklet for
Yxy(65.9140, 0.2459, 0.3051)
contains.

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Color

Yxy(65.7924, 0.2456, 0.3047)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 82E2F6 |
| RGB | 130, 226, 246 |
| RGB Percent | 51%, 89%, 96% |
| CMY | 0.4904, 0.1137, 0.0352 |
| CMYK | 0.47, 0.08, 0.00, 0.04 |
| HSL | 190°, 87%, 74% |
| HSV | 190°, 47%, 96% |
| XYZ | 53.0312, 65.7924, 97.1015 |
| YIQ | 199.5760, -63.6360, -14.1320 |

Conversions

Conversions Part 2

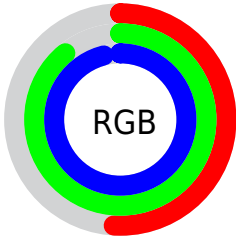
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 130, 183, 246 |
| Decimal | 8577782 |
| CIE Lab | 84.89, -23.25, -18.56 |
| CIE LCh | 85, 29.748, 218.603 |
| Yxy | 65.7924, 0.2456, 0.3047 |
| Android (android.graphics.Color) | 4286767862 (0xFF82E2F6) |
| YUV | 199.5760, 22.8870, -61.0182 |
| Hunter-Lab | 81.1125, -25.2439, -14.1986 |

Details

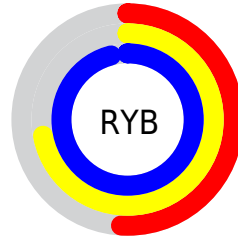
The Yxy color **65.7924, 0.2456, 0.3047** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **43.0004, 0.4320, 0.3509**, and the grayscale version is **57.3646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **33.7324, 0.2297, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **61.8002, 0.2347, 0.2987**, and if you desaturate by 10%, it is **70.3115, 0.2581, 0.3105**.

Distribution



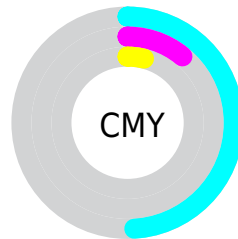
- Red (51%)
- Green (89%)
- Blue (96%)



- Red (51%)
- Yellow (72%)
- Blue (96%)



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



- Cyan (49%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7924, 0.2456, 0.3047 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 65.7924, 0.2456, 0.3047 by changing the saturation by 10% instead.


 65.7924, 0.2456,
0.3047

 65.7924, 0.2456,
0.3047


445.6341, 0.2764,
0.3169


 48.1039, 0.2387,
0.3017


 113.1883, 0.2562,
0.3091

 33.9092, 0.2302,
0.2979


 143.6645, 0.2603,
0.3108

 22.8238, 0.2196,
0.2929


 179.1721, 0.2639,
0.3122

 14.4635, 0.2060,
0.2862

220.0954, 0.2670,
0.3134

 8.4437, 0.1879,
0.2766

266.8189, 0.2698,
0.3144

 4.3802, 0.1629,
0.2620

319.7269, 0.2722,

 1.8884, 0.1271,

0.3153

0.2378

379.2038, 0.2744,
0.3162

0.5414, 0.0000,
0.1966

0.0000, 0.0000,
0.0000

65.7924, 0.2456,
0.3047

65.7924, 0.2456,
0.3047

61.8002, 0.2347,
0.2987

70.3115, 0.2581,
0.3105

58.2934, 0.2255,
0.2924

75.3808, 0.2718,
0.3160

55.2357, 0.2183,
0.2862

81.0309, 0.2864,
0.3211

52.5819, 0.2131,
0.2799

87.2880, 0.3016,
0.3259

■ 50.2736, 0.2097,
0.2737

■ 94.1766, 0.3171,
0.3302

■ 49.6597, 0.2089,
0.2720

■ 97.1885, 0.3182,
0.3342

■ 99.4346, 0.3179,
0.3376

Harmonies

Analogous

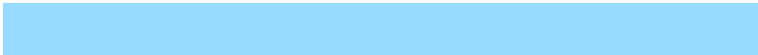
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.7924, 0.2616, 0.3396



65.7924, 0.2456, 0.3047



65.7924, 0.2463, 0.2795

Triad

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



65.7924, 0.2456, 0.3047



65.7924, 0.3316, 0.2899



65.7924, 0.3619, 0.3927

Complementary

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



65.7924, 0.2456, 0.3047



43.0004, 0.4320, 0.3509

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.



65.7924, 0.3832, 0.3745



65.7924, 0.2456, 0.3047



65.7924, 0.3656, 0.3160

Square

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



65.7924, 0.2456, 0.3047



65.7924, 0.2941, 0.2729



65.7924, 0.3848, 0.3463



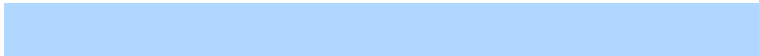
65.7924, 0.3281, 0.3934

Rectangle

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



65.7924, 0.2456, 0.3047



65.7924, 0.2560, 0.2707



65.7924, 0.3848, 0.3463



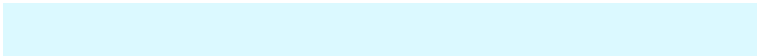
65.7924, 0.3709, 0.3883

Sweetspot

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



65.7949, 0.2456, 0.3047



89.9842, 0.2911, 0.3227



72.8395, 0.2965, 0.4537



18.9553, 0.2879, 0.3216



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

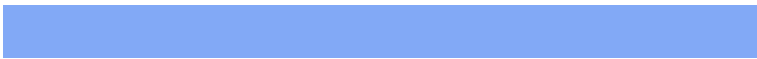
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7949, 0.2456, 0.3047



67.0803, 0.2348, 0.2987



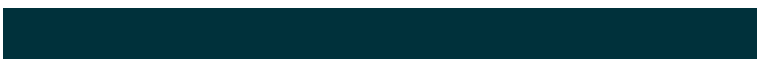
39.6358, 0.2318, 0.2300



18.2433, 0.2980, 0.3248



26.6868, 0.2092, 0.2730



2.4708, 0.2113, 0.2808

Inverse Universe

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



41.0371, 0.3364, 0.2312



38.0470, 0.3429, 0.2137



65.9875, 0.4005, 0.4102



16.7164, 0.3164, 0.3096



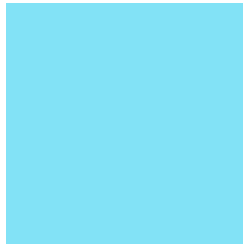
12.7934, 0.3700, 0.1812



1.1371, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 65.7924, 0.2456, 0.3047 looks on a white background.

Color Contrast Check

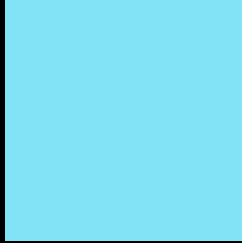
Large Text (above 18pt) WCAG AA × Fail

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 65.7924, 0.2456, 0.3047 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 65.7924, 0.2456, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 65.7924, 0.2456, 0.3047.

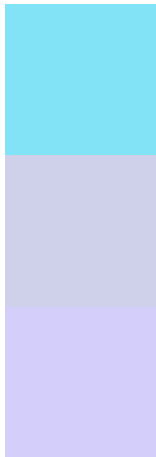


This preview shows how white text looks on a background with the Yxy color 65.7924, 0.2456, 0.3047.

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

65.7924, 0.2456, 0.3047

Protanopia

64.8645, 0.2939, 0.3001

Deuteranopia

65.0418, 0.2878, 0.2816



Tritanopia

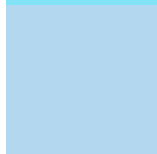
65.6524, 0.2456, 0.3058

Trichromacy



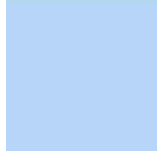
Original Color

65.7924, 0.2456, 0.3047



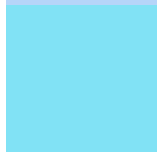
Protanomaly

64.4166, 0.2734, 0.3012



Deuteranomaly

64.3731, 0.2694, 0.2881



Tritanomaly

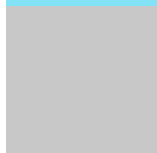
65.6524, 0.2456, 0.3058

Monochromacy



Original Color

65.7924, 0.2456, 0.3047



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.7246, 0.2833, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7924, 0.2456, 0.3047 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, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(130, 226, 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(130, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 226, 246) }
```

Border

The CSS property to change the border of an element to Yxy 65.7924, 0.2456, 0.3047 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, 226, 246) }
```

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

```
.border{ border-color:rgb(130, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(130, 226,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7924, 0.2456, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 226, 246) }
```

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

```
.background{ background-color: rgb(130,  
226, 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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