

Converting Colors

$Yxy(66.1646, 0.2407, 0.3089)$

Have a look what the booklet for
Yxy(66.1646, 0.2407, 0.3089)
contains.

Yxy(66.2760, 0.2406, 0.3093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.2760, 0.2406, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	73E5F5
RGB	115, 229, 245
RGB Percent	45%, 90%, 96%
CMY	0.5495, 0.1019, 0.0393
CMYK	0.53, 0.07, 0.00, 0.04
HSL	187°, 87%, 71%
HSV	187°, 53%, 96%
XYZ	51.5551, 66.2760, 96.4463
YIQ	196.7380, -73.0800, -19.1920

Conversions

Conversions Part 2

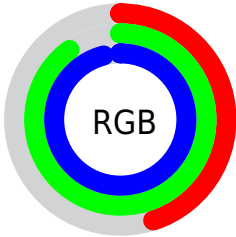
Format	Color
RYB	115, 176, 245
Decimal	7595509
CIELab	85.14, -28.17, -17.70
CIELCh	85, 33.267, 212.148
Yxy	66.2760, 0.2406, 0.3093
Android (android.graphics.Color)	4285785589 (0xFF73E5F5)
YUV	196.7380, 23.7932, -71.6842
Hunter-Lab	81.4101, -29.4276, -13.2536

Details

The Yxy color **66.2760, 0.2406, 0.3093** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **36.8305, 0.4590, 0.3462**, and the grayscale version is **55.5372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8540, 0.2676, 0.3289**, and **34.1656, 0.2242, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **63.1861, 0.2314, 0.3050**, and if you desaturate by 10%, it is **69.8408, 0.2516, 0.3135**.

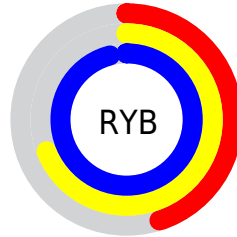
Distribution



Red (45%)

Green (90%)

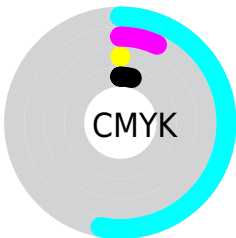
Blue (96%)



Red (45%)

Yellow (69%)

Blue (96%)

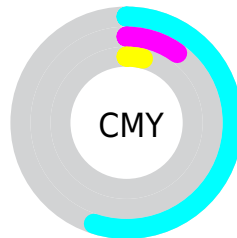


Cyan (53%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (55%)


Magenta (10%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2760, 0.2406, 0.3093 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 66.2760, 0.2406, 0.3093 by changing the saturation by 10% instead.

 66.2760, 0.2406,
0.3093


 66.2760, 0.2406,
0.3093


447.3633, 0.2736,
0.3195


 48.4965, 0.2332,
0.3067


 113.8824, 0.2519,
0.3130

 34.2202, 0.2242,
0.3034


 144.4780, 0.2564,
0.3144

 23.0628, 0.2129,
0.2991


 180.1145, 0.2602,
0.3156

 14.6399, 0.1985,
0.2931

221.1762, 0.2635,
0.3166

 8.5671, 0.1794,
0.2844

268.0476, 0.2665,
0.3175

 4.4599, 0.1533,
0.2710

321.1129, 0.2691,

 1.9340, 0.1164,

0.3182

0.2482

380.7567, 0.2715,
0.3189

0.5687, 0.0000,
0.2084

0.0000, 0.0000,
0.0000

66.2760, 0.2406,
0.3093

66.2760, 0.2406,
0.3093

63.1861, 0.2314,
0.3050

69.8408, 0.2516,
0.3135

60.5274, 0.2241,
0.3007

73.9049, 0.2641,
0.3175

58.2611, 0.2187,
0.2963

78.4999, 0.2779,
0.3213

56.3367, 0.2152,
0.2920

83.6526, 0.2926,
0.3248

■ 55.1582, 0.2136,
0.2891

■ 89.3878, 0.3079,
0.3281

■ 94.4050, 0.3191,
0.3310

■ 96.2583, 0.3189,
0.3339

■ 98.1414, 0.3187,
0.3368

■ 99.3715, 0.3185,
0.3386

Harmonies

Analogous

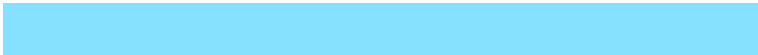
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.2760, 0.2618, 0.3495



66.2760, 0.2406, 0.3093



66.2760, 0.2374, 0.2785

Triad

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



66.2760, 0.2406, 0.3093



66.2760, 0.3245, 0.2807



66.2760, 0.3740, 0.3969

Complementary

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



66.2760, 0.2406, 0.3093



36.8305, 0.4590, 0.3462

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.



66.2760, 0.3938, 0.3729



66.2760, 0.2406, 0.3093



66.2760, 0.3645, 0.3076

Square

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



66.2760, 0.2406, 0.3093



66.2760, 0.2835, 0.2647



66.2760, 0.3905, 0.3405



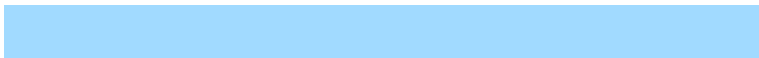
66.2760, 0.3383, 0.4030

Rectangle

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



66.2760, 0.2406, 0.3093



66.2760, 0.2455, 0.2666



66.2760, 0.3905, 0.3405



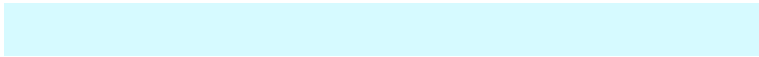
66.2760, 0.3828, 0.3904

Sweetspot

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



66.2785, 0.2406, 0.3093



89.9147, 0.2882, 0.3238



70.5431, 0.2981, 0.4808



18.9934, 0.2851, 0.3231



0.0000, 0.0000, 0.0000



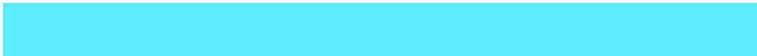
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2785, 0.2406, 0.3093



68.8913, 0.2305, 0.3046



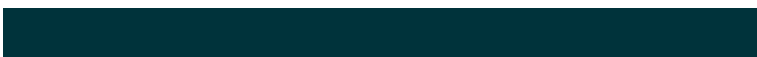
37.0458, 0.2231, 0.2238



18.3905, 0.2981, 0.3260



29.8586, 0.2138, 0.2898



2.7198, 0.2153, 0.2952

Inverse Universe

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



37.2991, 0.3338, 0.2150



34.8768, 0.3391, 0.1970



59.7215, 0.4171, 0.4132



16.7312, 0.3157, 0.3085



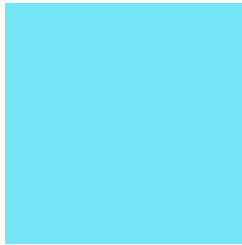
13.1136, 0.3545, 0.1727



1.1622, 0.3497, 0.1700

Previews

White Background



This preview shows how the Yxy color 66.2760, 0.2406, 0.3093 looks on a white background.

Color Contrast Check

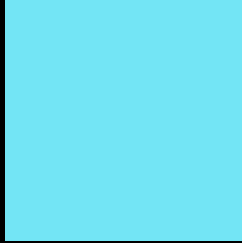
Large Text (above 18pt) WCAG AA × Fail

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 66.2760, 0.2406, 0.3093 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 66.2760, 0.2406, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 66.2760, 0.2406, 0.3093.

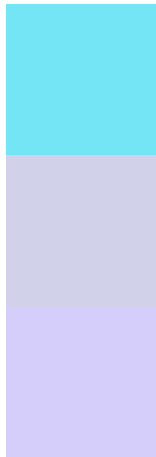


This preview shows how white text looks on a background with the Yxy color 66.2760, 0.2406, 0.3093.

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

66.2760, 0.2406, 0.3093

Protanopia

65.5317, 0.2966, 0.3035

Deuteranopia

65.1909, 0.2885, 0.2816



Tritanopia

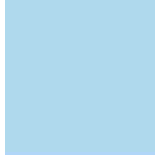
66.4670, 0.2402, 0.3069

Trichromacy



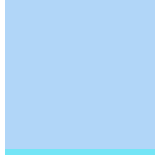
Original Color

66.2760, 0.2406, 0.3093



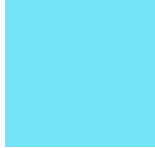
Protanomaly

64.8541, 0.2722, 0.3056



Deuteranomaly

64.2176, 0.2670, 0.2900



Tritanomaly

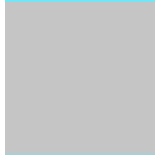
66.4054, 0.2406, 0.3081

Monochromacy



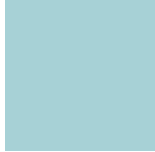
Original Color

66.2760, 0.2406, 0.3093



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

58.6715, 0.2798, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2760, 0.2406, 0.3093 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(115, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(115, 229, 245)  
}
```

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(115, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 229, 245) }
```

Border

The CSS property to change the border of an element to Yxy 66.2760, 0.2406, 0.3093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

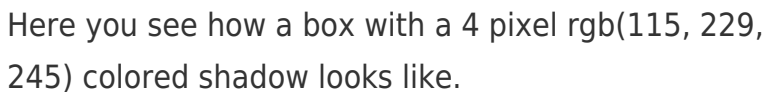
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 229, 245) }
```

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

```
.border{ border-color:rgb(115, 229, 245) }
```

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



Here you see how a box with a 4 pixel rgb(115, 229, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(115, 229,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2760, 0.2406, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 229, 245) }
```

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

```
.background{ background-color: rgb(115,  
229, 245) }
```

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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