

Converting Colors

$Yxy(60.6744, 0.2394, 0.3061)$

Have a look what the booklet for
Yxy(60.6744, 0.2394, 0.3061)
contains.

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Color

Yxy(60.6744, 0.2394, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	6EDCEE
RGB	110, 220, 238
RGB Percent	43%, 86%, 93%
CMY	0.5687, 0.1372, 0.0667
CMYK	0.54, 0.08, 0.00, 0.07
HSL	188°, 79%, 68%
HSV	188°, 54%, 93%
XYZ	47.4533, 60.6744, 90.0899
YIQ	189.1620, -71.3380, -17.7220

Conversions

Conversions Part 2

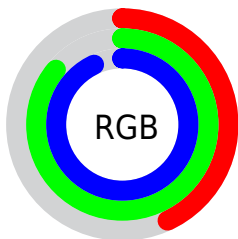
Format	Color
R _Y B	110, 169, 238
Decimal	7265518
CIE Lab	82.20, -26.64, -18.44
CIE LCh	82, 32.398, 214.700
Yxy	60.6744, 0.2394, 0.3061
Android (android.graphics.Color)	4285455598 (0xFF6EDCEE)
YUV	189.1620, 24.0771, -69.4251
Hunter-Lab	77.8938, -27.5710, -14.0476

Details

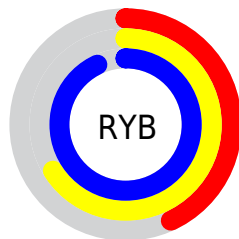
The Yxy color **60.6744, 0.2394, 0.3061** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.7321, 0.4599, 0.3489**, and the grayscale version is **50.8760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2860, 0.2652, 0.3289**, and **30.7591, 0.2224, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **57.6122, 0.2301, 0.3012**, and if you desaturate by 10%, it is **64.1861, 0.2505, 0.3109**.

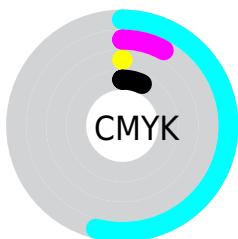
Distribution



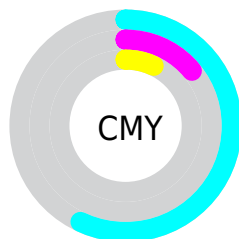
- Red (43%)
- Green (86%)
- Blue (93%)



- Red (43%)
- Yellow (66%)
- Blue (93%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (57%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6744, 0.2394, 0.3061 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 60.6744, 0.2394, 0.3061 by changing the saturation by 10% instead.


 60.6744, 0.2394,
0.3061


 60.6744, 0.2394,
0.3061


427.0791, 0.2734,
0.3180


 43.9624, 0.2317,
0.3031


 105.8074, 0.2512,
0.3105

 30.6410, 0.2222,
0.2992


 134.9971, 0.2558,
0.3121

 20.3256, 0.2102,
0.2941

 169.1150, 0.2597,
0.3134

 12.6320, 0.1948,
0.2869

208.5453, 0.2632,
0.3146

 7.1756, 0.1742,
0.2765

253.6725, 0.2662,
0.3156

 3.5722, 0.1457,
0.2602

304.8809, 0.2689,

 1.4372, 0.1026,

0.3165

362.5550, 0.2713,
0.3173

0.2327

0.2439, 0.0000,
0.1265

0.0000, 0.0000,
0.0000

60.6744, 0.2394,
0.3061

60.6744, 0.2394,
0.3061

57.6122, 0.2301,
0.3012

64.1861, 0.2505,
0.3109

54.9588, 0.2226,
0.2961


68.1706, 0.2631,
0.3155

52.6773, 0.2172,
0.2911

72.6574, 0.2769,
0.3199


50.7201, 0.2135,
0.2862

77.6716, 0.2916,
0.3239


 49.6221, 0.2120,
0.2831

 83.2367, 0.3068,
0.3277

 89.3746, 0.3224,
0.3311

 91.7801, 0.3236,
0.3343

 93.8041, 0.3233,
0.3375

 95.8648, 0.3230,
0.3407

Harmonies

Analogous

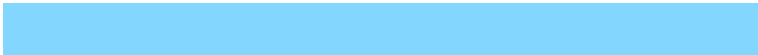
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.6744, 0.2592, 0.3460



60.6744, 0.2394, 0.3061



60.6744, 0.2378, 0.2764

Triad

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



60.6744, 0.2394, 0.3061



60.6744, 0.3282, 0.2825



60.6744, 0.3716, 0.3984

Complementary

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



60.6744, 0.2394, 0.3061



34.7321, 0.4599, 0.3489

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.



60.6744, 0.3931, 0.3756



60.6744, 0.2394, 0.3061



60.6744, 0.3676, 0.3102

Square

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



60.6744, 0.2394, 0.3061



60.6744, 0.2867, 0.2654



60.6744, 0.3920, 0.3434



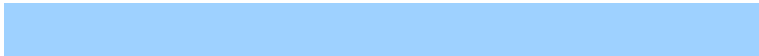
60.6744, 0.3349, 0.4027

Rectangle

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



60.6744, 0.2394, 0.3061



60.6744, 0.2470, 0.2654



60.6744, 0.3920, 0.3434



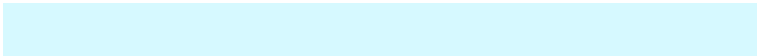
60.6744, 0.3810, 0.3924

Sweetspot

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



60.6767, 0.2394, 0.3061



89.4634, 0.2882, 0.3231



65.9910, 0.2970, 0.4799



18.8848, 0.2851, 0.3222



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.



60.6767, 0.2394, 0.3061



66.9085, 0.2289, 0.3004



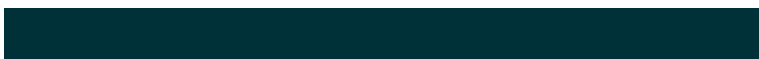
33.5747, 0.2215, 0.2194



17.5282, 0.2981, 0.3256



27.8315, 0.2122, 0.2839



2.4183, 0.2140, 0.2904

Inverse Universe

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



34.4927, 0.3364, 0.2159



34.2564, 0.3427, 0.1978



56.5870, 0.4171, 0.4161



15.9910, 0.3159, 0.3089



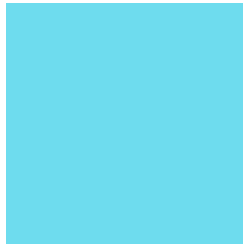
12.6030, 0.3599, 0.1756



1.0588, 0.3540, 0.1724

Previews

White Background



This preview shows how the Yxy color 60.6744, 0.2394, 0.3061 looks on a white background.

Color Contrast Check

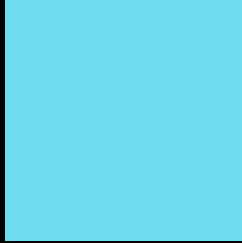
Large Text (above 18pt) WCAG AA × Fail

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 60.6744, 0.2394, 0.3061 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 60.6744, 0.2394, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 60.6744, 0.2394, 0.3061.



This preview shows how white text looks on a background with the Yxy color 60.6744, 0.2394, 0.3061.

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

60.6744, 0.2394, 0.3061

Protanopia

60.0114, 0.2946, 0.3014

Deuteranopia

60.1553, 0.2863, 0.2800



Tritanopia

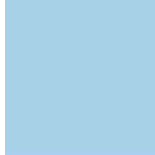
60.6744, 0.2394, 0.3061

Trichromacy



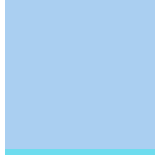
Original Color

60.6744, 0.2394, 0.3061



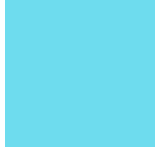
Protanomaly

59.5296, 0.2704, 0.3036



Deuteranomaly

59.5226, 0.2657, 0.2888



Tritanomaly

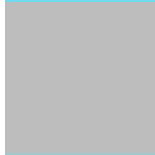
60.6744, 0.2394, 0.3061

Monochromacy



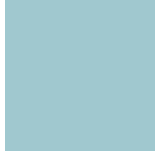
Original Color

60.6744, 0.2394, 0.3061



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.2871, 0.2786, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6744, 0.2394, 0.3061 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(110, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(110, 220, 238)  
}
```

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(110, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 220, 238) }
```

Border

The CSS property to change the border of an element to Yxy 60.6744, 0.2394, 0.3061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

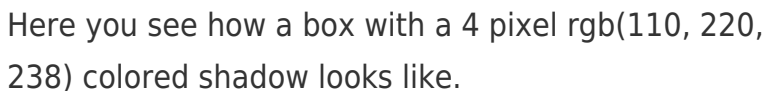
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 220, 238) }
```

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

```
.border{ border-color:rgb(110, 220, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 220, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 220, 238); box-shadow:4px 4px 4px 4px rgb(110, 220, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6744, 0.2394, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 220, 238) }
```

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

```
.background{ background-color: rgb(110,  
220, 238) }
```

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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