

Converting Colors

$Yxy(64.2987, 0.2333, 0.2784)$

Have a look what the booklet for
Yxy(64.2987, 0.2333, 0.2784)
contains.

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Color

Yxy(63.6001, 0.2373, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	7ADEFF
RGB	122, 222, 255
RGB Percent	48%, 87%, 100%
CMY	0.5219, 0.1293, 0.0000
CMYK	0.52, 0.13, 0.00, 0.00
HSL	195°, 100%, 74%
HSV	195°, 52%, 100%
XYZ	52.1864, 63.6001, 104.1309
YIQ	195.8620, -70.1930, -10.9370

Conversions

Conversions Part 2

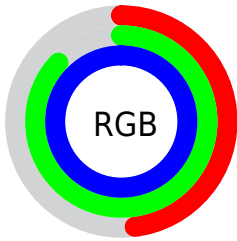
Format	Color
R _Y B	122, 179, 255
Decimal	8052479
CIE Lab	83.76, -20.56, -25.05
CIE LCh	84, 32.409, 230.623
Yxy	63.6001, 0.2373, 0.2892
Android (android.graphics.Color)	4286242559 (0xFF7ADEFF)
YUV	195.8620, 29.1550, -64.7770
Hunter-Lab	79.7497, -22.7555, -21.5915

Details

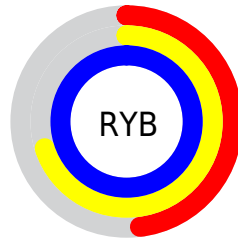
The Yxy color **63.6001, 0.2373, 0.2892** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.0676, 0.4451, 0.3633**, and the grayscale version is **54.9567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **32.5845, 0.2203, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **58.6862, 0.2262, 0.2801**, and if you desaturate by 10%, it is **69.1327, 0.2499, 0.2980**.

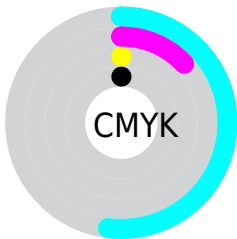
Distribution



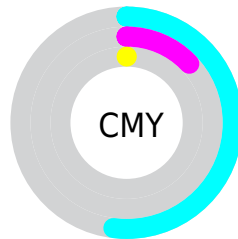
- Red (48%)
- Green (87%)
- Blue (100%)



- Red (48%)
- Yellow (70%)
- Blue (100%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6001, 0.2373, 0.2892 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 63.6001, 0.2373, 0.2892 by changing the saturation by 10% instead.


 63.6001, 0.2373,
0.2892


 63.6001, 0.2373,
0.2892

437.7441, 0.2719,
0.3087


 46.3269, 0.2296,
0.2845


 110.0348, 0.2492,
0.2962

 32.5038, 0.2201,
0.2786


 139.9651, 0.2538,
0.2988

 21.7466, 0.2083,
0.2711


 174.8831, 0.2579,
0.3011

 13.6708, 0.1932,
0.2609

215.1734, 0.2614,
0.3030

 7.8921, 0.1734,
0.2469

261.2202, 0.2645,
0.3047

 4.0260, 0.1466,
0.2263

313.4080, 0.2672,

 1.6881, 0.1092,

0.3062

0.1941

372.1212, 0.2697,
0.3075

■ 0.4159, 0.0000,
0.1289

■ 0.0000, 0.0000,
0.0000

■ 63.6001, 0.2373,
0.2892

■ 63.6001, 0.2373,
0.2892

■ 58.6862, 0.2262,
0.2801

■ 69.1327, 0.2499,
0.2980

■ 54.3434, 0.2169,
0.2708

■ 75.3130, 0.2638,
0.3063

■ 50.5276, 0.2097,
0.2614

■ 82.1763, 0.2785,
0.3140

■ 47.1829, 0.2044,
0.2521

■ 89.7532, 0.2938,
0.3212

■ 44.8352, 0.2014,
0.2450

■ 98.0721, 0.3093,
0.3277

99.9999, 0.3127,
0.3290

Harmonies

Analogous

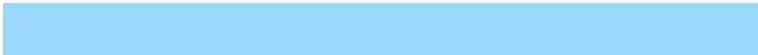
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.6001, 0.2475, 0.3243



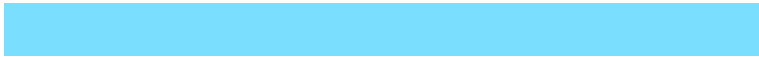
63.6001, 0.2373, 0.2892



63.6001, 0.2454, 0.2680

Triad

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



63.6001, 0.2373, 0.2892



63.6001, 0.3497, 0.2967



63.6001, 0.3528, 0.4024

Complementary

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



63.6001, 0.2373, 0.2892



46.0676, 0.4451, 0.3633

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.



63.6001, 0.3831, 0.3886



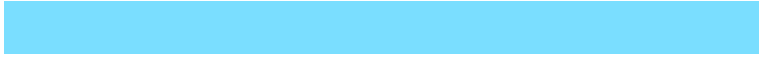
63.6001, 0.2373, 0.2892



63.6001, 0.3821, 0.3276

Square

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



63.6001, 0.2373, 0.2892



63.6001, 0.3083, 0.2736



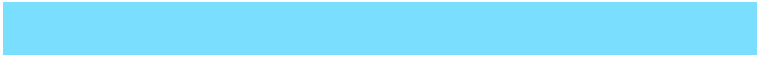
63.6001, 0.3944, 0.3607



63.6001, 0.3129, 0.3942

Rectangle

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



63.6001, 0.2373, 0.2892



63.6001, 0.2605, 0.2629



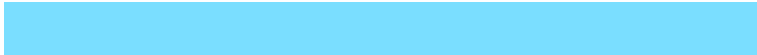
63.6001, 0.3944, 0.3607



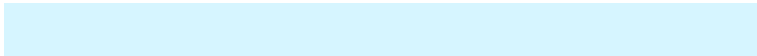
63.6001, 0.3645, 0.3999

Sweetspot

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



63.6025, 0.2373, 0.2892



86.7843, 0.2880, 0.3185



77.9484, 0.2912, 0.4585



18.2411, 0.2848, 0.3170



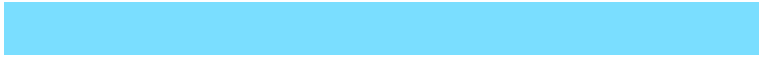
0.0000, 0.0000, 0.0000



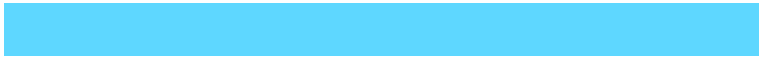
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6025, 0.2373, 0.2892



58.3160, 0.2254, 0.2794



35.5992, 0.2204, 0.2055



19.6741, 0.2980, 0.3230



23.6759, 0.2018, 0.2465



2.4773, 0.2047, 0.2570

Inverse Universe

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



40.4306, 0.3497, 0.2304



34.2439, 0.3602, 0.2143



73.5906, 0.4066, 0.4262



18.2189, 0.3176, 0.3113



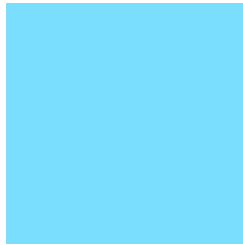
13.1181, 0.3957, 0.1954



1.2946, 0.3853, 0.1896

Previews

White Background



This preview shows how the Yxy color 63.6001, 0.2373, 0.2892 looks on a white background.

Color Contrast Check

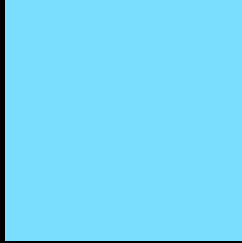
Large Text (above 18pt) WCAG AA × Fail

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 63.6001, 0.2373, 0.2892 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

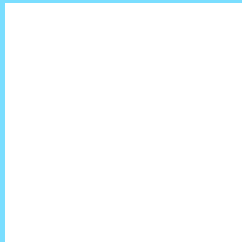
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6001, 0.2373, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 63.6001, 0.2373, 0.2892.



This preview shows how white text looks on a background with the Yxy color 63.6001, 0.2373, 0.2892.

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

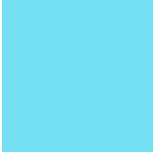
63.6001, 0.2373, 0.2892

Protanopia

62.9536, 0.2833, 0.2866

Deuteranopia

62.9623, 0.2778, 0.2733



Tritanopia

63.5040, 0.2415, 0.3066

Trichromacy



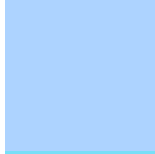
Original Color

63.6001, 0.2373, 0.2892



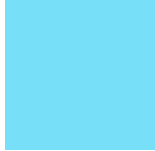
Protanomaly

62.6349, 0.2638, 0.2873



Deuteranomaly

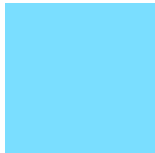
62.6928, 0.2605, 0.2788



Tritanomaly

63.4127, 0.2398, 0.2995

Monochromacy



Original Color

63.6001, 0.2373, 0.2892



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.1074, 0.2789, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6001, 0.2373, 0.2892 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(122, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 222, 255)  
}
```

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(122, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.6001, 0.2373, 0.2892 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(122, 222, 255) }
```

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

```
.border{ border-color:rgb(122, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6001, 0.2373, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 222, 255) }
```

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

```
.background{ background-color: rgb(122,  
222, 255) }
```

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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