

Converting Colors

$Y_{xy}(43.7549, 0.2192, 0.2362)$

Have a look what the booklet for
Yxy(43.7549, 0.2192, 0.2362)
contains.

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Color

Yxy(43.6792, 0.2193, 0.2359)

Conversions

Conversions Part 1

Format	Color
Hex	69B6FF
RGB	105, 182, 255
RGB Percent	41%, 71%, 100%
CMY	0.5880, 0.2863, 0.0001
CMYK	0.59, 0.29, 0.00, 0.00
HSL	209°, 100%, 71%
HSV	209°, 59%, 100%
XYZ	40.6055, 43.6792, 100.8751
YIQ	167.2990, -69.3250, 6.3790

Conversions

Conversions Part 2

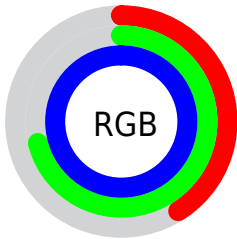
Format	Color
RYB	105, 156, 255
Decimal	6928127
CIELab	72.01, -2.79, -43.22
CIELCh	72, 43.314, 266.303
Yxy	43.6792, 0.2193, 0.2359
Android (android.graphics.Color)	4285118207 (0xFF69B6FF)
YUV	167.2990, 43.2366, -54.6362
Hunter-Lab	66.0902, -5.9883, -44.2325

Details

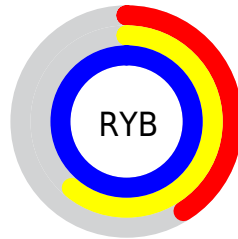
The Yxy color **43.6792, 0.2193, 0.2359** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.1353, 0.4439, 0.4024**, and the grayscale version is **38.6157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4761, 0.2607, 0.3099**, and **20.0538, 0.1957, 0.2112** is the 20% darker color. If you saturate the color by 10%, you get **37.4993, 0.2058, 0.2167**, and if you desaturate by 10%, it is **50.7756, 0.2343, 0.2546**.

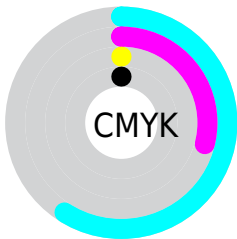
Distribution



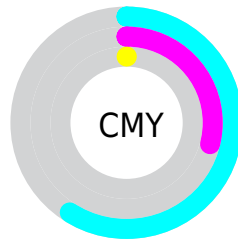
- Red (41%)
- Green (71%)
- Blue (100%)



- Red (41%)
- Yellow (61%)
- Blue (100%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6792, 0.2193, 0.2359 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 43.6792, 0.2193, 0.2359 by changing the saturation by 10% instead.

■ 43.6792, 0.2193,
0.2359

■ 43.6792, 0.2193,
0.2359

361.3976, 0.2643,
0.2812

■ 30.4184, 0.2088,
0.2253

■ 80.7348, 0.2351,
0.2519

■ 20.1564, 0.1959,
0.2121

■ 105.2984, 0.2412,
0.2580

■ 12.5088, 0.1796,
0.1954

■ 134.3983, 0.2465,
0.2633

■ 7.0912, 0.1586,
0.1738

168.4191, 0.2510,
0.2678

■ 3.5192, 0.1312,
0.1454

207.7449, 0.2550,
0.2718

■ 1.4084, 0.0953,
0.1076

252.7604, 0.2585,

■ 0.2229, 0.0242,

0.2753

0.0375

303.8498, 0.2616,
0.2784

0.0000, 0.0000,
0.0000

43.6792, 0.2193,
0.2359

43.6792, 0.2193,
0.2359

37.4993, 0.2058,
0.2167

50.7756, 0.2343,
0.2546

32.1770, 0.1943,
0.1975

58.8325, 0.2502,
0.2724

27.6509, 0.1851,
0.1787

67.8961, 0.2666,
0.2890

23.8351, 0.1782,
0.1610

78.0075, 0.2830,
0.3043

23.4099, 0.1775,
0.1590

89.2052, 0.2991,
0.3181

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



43.6792, 0.2032, 0.2601



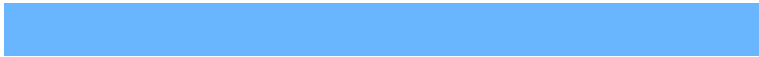
43.6792, 0.2193, 0.2359



43.6792, 0.2588, 0.2348

Triad

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



43.6792, 0.2193, 0.2359



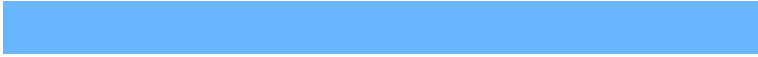
43.6792, 0.4246, 0.3335



43.6792, 0.2993, 0.4249

Complementary

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



43.6792, 0.2193, 0.2359



54.1353, 0.4439, 0.4024

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.



43.6792, 0.3596, 0.4421



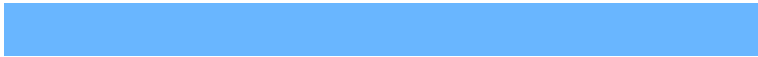
43.6792, 0.2193, 0.2359



43.6792, 0.4353, 0.3809

Square

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



43.6792, 0.2193, 0.2359



43.6792, 0.3793, 0.2887



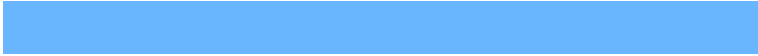
43.6792, 0.4100, 0.4220



43.6792, 0.2457, 0.3716

Rectangle

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



43.6792, 0.2193, 0.2359



43.6792, 0.2960, 0.2455



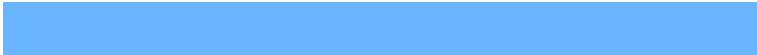
43.6792, 0.4100, 0.4220



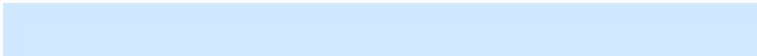
43.6792, 0.3195, 0.4353

Sweetspot

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



43.6807, 0.2193, 0.2359



78.8726, 0.2843, 0.3054



77.7057, 0.2731, 0.4281



16.2231, 0.2795, 0.3012



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.



43.6807, 0.2193, 0.2359



36.2606, 0.2031, 0.2124



20.8602, 0.1984, 0.1418



18.9194, 0.2979, 0.3171



12.5353, 0.1783, 0.1618



1.4393, 0.1839, 0.1820

Inverse Universe

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



34.7497, 0.3979, 0.2526



28.9358, 0.4256, 0.2432



92.1957, 0.3978, 0.4657



18.1427, 0.3213, 0.3169



11.9934, 0.4908, 0.2478



1.1898, 0.4661, 0.2342

Previews

White Background



This preview shows how the Yxy color 43.6792, 0.2193, 0.2359 looks on a white background.

Color Contrast Check

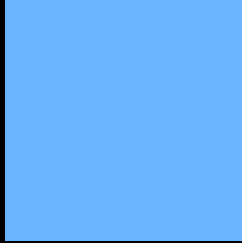
Large Text (above 18pt) WCAG AA × Fail

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 43.6792, 0.2193, 0.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

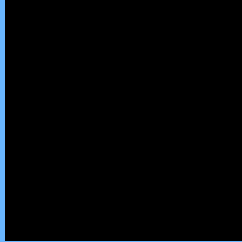
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

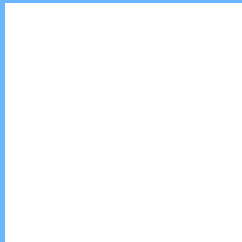
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6792, 0.2193, 0.2359

Background



This preview shows how black text looks on a background with the Yxy color 43.6792, 0.2193, 0.2359.



This preview shows how white text looks on a background with the Yxy color 43.6792, 0.2193, 0.2359.

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

43.6792, 0.2193, 0.2359

Protanopia

43.3399, 0.2450, 0.2368

Deuteranopia

43.3317, 0.2362, 0.2299



Tritanopia

43.6514, 0.2348, 0.3055

Trichromacy



Original Color

43.6792, 0.2193, 0.2359

Protanomaly

43.1666, 0.2340, 0.2353

Deuteranomaly

43.3314, 0.2292, 0.2319

Tritanomaly

43.6236, 0.2290, 0.2787

Monochromacy



Original Color

43.6792, 0.2193, 0.2359

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.5579, 0.2691, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6792, 0.2193, 0.2359 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(105, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 182, 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(105, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 182, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.6792, 0.2193, 0.2359 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(105, 182, 255) }
```

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

```
.border{ border-color:rgb(105, 182, 255) }
```

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

Here you see how a box with a 4 pixel rgb(105, 182, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 182,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6792, 0.2193, 0.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 182, 255) }
```

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

```
.background{ background-color: rgb(105,  
182, 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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