

Converting Colors

$Yxy(52.7435, 0.2227, 0.2642)$

Have a look what the booklet for
Yxy(52.7435, 0.2227, 0.2642)
contains.

Yxy(52.9471, 0.2229, 0.2647)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9471, 0.2229, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	61CCFF
RGB	97, 204, 255
RGB Percent	38%, 80%, 100%
CMY	0.6190, 0.2001, 0.0000
CMYK	0.62, 0.20, 0.00, 0.00
HSL	199°, 100%, 69%
HSV	199°, 62%, 100%
XYZ	44.5860, 52.9471, 102.4937
YIQ	177.8210, -80.1430, -6.8230

Conversions

Conversions Part 2

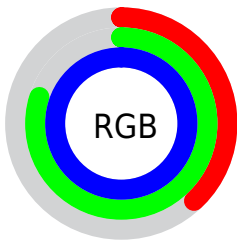
Format	Color
R_{YB}	97, 161, 255
Decimal	6409471
CIE _{Lab}	77.84, -16.00, -34.21
CIE _{LCh}	78, 37.766, 244.934
Yxy	52.9471, 0.2229, 0.2647
Android (android.graphics.Color)	4284599551 (0xFF61CCFF)
YUV	177.8210, 38.0492, -70.8800
Hunter-Lab	72.7648, -17.9640, -32.5784

Details

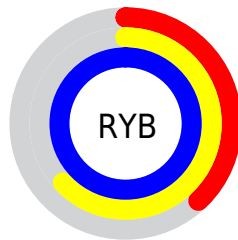
The Yxy color **52.9471, 0.2229, 0.2647** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.3564, 0.4729, 0.3795**, and the grayscale version is **44.2671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2136, 0.2605, 0.3288**, and **25.8899, 0.2023, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **47.9482, 0.2124, 0.2523**, and if you desaturate by 10%, it is **58.6047, 0.2351, 0.2769**.

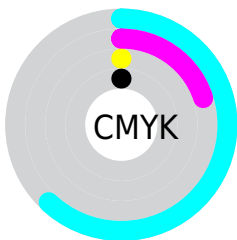
Distribution



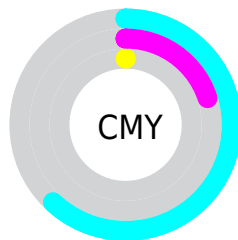
- Red (38%)
- Green (80%)
- Blue (100%)



- Red (38%)
- Yellow (63%)
- Blue (100%)



- Cyan (62%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9471, 0.2229, 0.2647 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 52.9471, 0.2229, 0.2647 by changing the saturation by 10% instead.

■ 52.9471, 0.2229,
0.2647

■ 52.9471, 0.2229,
0.2647

■ 398.0821, 0.2649,
0.2963

■ 37.7605, 0.2134,
0.2571

■ 94.5265, 0.2375,
0.2760

■ 25.7969, 0.2017,
0.2477

■ 121.6882, 0.2431,
0.2803

■ 16.6718, 0.1870,
0.2355

■ 153.6103, 0.2480,
0.2839

■ 10.0007, 0.1683,
0.2194

■ 190.6773, 0.2523,
0.2871

■ 5.3994, 0.1439,
0.1974

■ 233.2736, 0.2560,
0.2898

■ 2.4835, 0.1115,
0.1662

■ 281.7836, 0.2593,

■ 0.8684, 0.0611,

0.2923

0.1220

336.5916, 0.2623,
0.2944

0.0000, 0.0000,
0.0000

52.9471, 0.2229,
0.2647

52.9471, 0.2229,
0.2647

47.9482, 0.2124,
0.2523

58.6047, 0.2351,
0.2769

43.5583, 0.2040,
0.2398

64.9612, 0.2487,
0.2885

39.7204, 0.1976,
0.2274

72.0552, 0.2634,
0.2995

36.9495, 0.1938,
0.2175

79.9210, 0.2786,
0.3097

88.5907, 0.2942,
0.3190

98.0942, 0.3098,
0.3275

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



52.9471, 0.2244, 0.2999



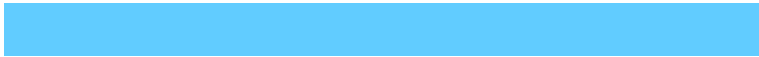
52.9471, 0.2229, 0.2647



52.9471, 0.2426, 0.2492

Triad

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



52.9471, 0.2229, 0.2647



52.9471, 0.3801, 0.3062



52.9471, 0.3384, 0.4199

Complementary

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



52.9471, 0.2229, 0.2647



43.3564, 0.4729, 0.3795

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.



52.9471, 0.3834, 0.4132



52.9471, 0.2229, 0.2647



52.9471, 0.4098, 0.3456

Square

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



52.9471, 0.2229, 0.2647



52.9471, 0.3315, 0.2734



52.9471, 0.4104, 0.3844



52.9471, 0.2887, 0.3959

Rectangle

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



52.9471, 0.2229, 0.2647



52.9471, 0.2665, 0.2497



52.9471, 0.4104, 0.3844



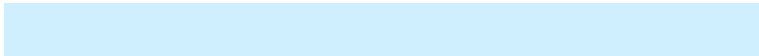
52.9471, 0.3546, 0.4209

Sweetspot

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



52.9477, 0.2229, 0.2647



82.3540, 0.2831, 0.3125



76.1802, 0.2837, 0.4700



17.1140, 0.2787, 0.3097



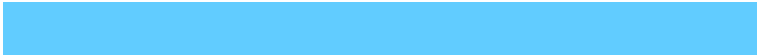
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



52.9477, 0.2229, 0.2647



46.9791, 0.2105, 0.2497



24.7132, 0.1992, 0.1616



19.4335, 0.2980, 0.3211



19.5896, 0.1943, 0.2195



2.1058, 0.1982, 0.2335

Inverse Universe

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



34.1953, 0.3728, 0.2259



29.0873, 0.3896, 0.2140



76.5512, 0.4165, 0.4515



18.1946, 0.3188, 0.3130



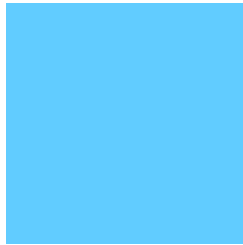
12.7055, 0.4237, 0.2108



1.2571, 0.4090, 0.2027

Previews

White Background



This preview shows how the Yxy color 52.9471, 0.2229, 0.2647 looks on a white background.

Color Contrast Check

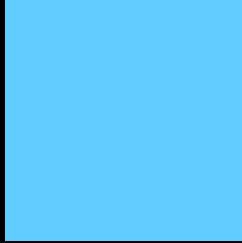
Large Text (above 18pt) WCAG AA × Fail

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 52.9471, 0.2229, 0.2647 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

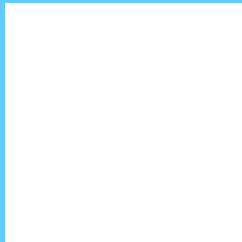
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9471, 0.2229, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 52.9471, 0.2229, 0.2647.

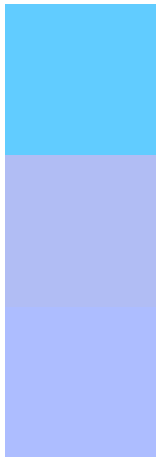


This preview shows how white text looks on a background with the Yxy color 52.9471, 0.2229, 0.2647.

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

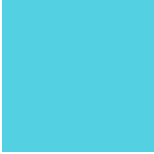
52.9471, 0.2229, 0.2647

Protanopia

52.2740, 0.2662, 0.2642

Deuteranopia

52.4994, 0.2572, 0.2525



Tritanopia

52.9309, 0.2317, 0.3058

Trichromacy



Original Color

52.9471, 0.2229, 0.2647

Protanomaly

51.6568, 0.2468, 0.2631

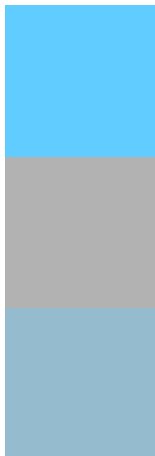
Deuteranomaly

51.8233, 0.2416, 0.2555

Tritanomaly

52.8148, 0.2280, 0.2893

Monochromacy



Original Color

52.9471, 0.2229, 0.2647

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

46.3864, 0.2702, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9471, 0.2229, 0.2647 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(97, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 204, 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(97, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.9471, 0.2229, 0.2647 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(97, 204, 255) }
```

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

```
.border{ border-color:rgb(97, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(97, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9471, 0.2229, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 204, 255) }
```

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

```
.background{ background-color: rgb(97, 204,  
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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