

Converting Colors

$Yxy(51.0699, 0.2216, 0.2594)$

Have a look what the booklet for
Yxy(51.0699, 0.2216, 0.2594)
contains.

Yxy(51.0699, 0.2216, 0.2594)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.0699, 0.2216, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	61C8FF
RGB	97, 200, 255
RGB Percent	38%, 78%, 100%
CMY	0.6200, 0.2156, 0.0000
CMYK	0.62, 0.22, 0.00, 0.00
HSL	201°, 100%, 69%
HSV	201°, 62%, 100%
XYZ	43.6279, 51.0699, 102.1792
YIQ	175.4730, -79.0430, -4.7310

Conversions

Conversions Part 2

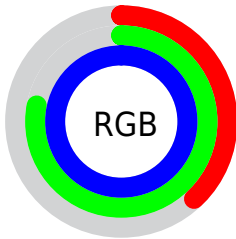
Format	Color
R _Y B	97, 159, 255
Decimal	6408447
CIE Lab	76.72, -13.96, -35.94
CIE LCh	77, 38.561, 248.768
Yxy	51.0699, 0.2216, 0.2594
Android (android.graphics.Color)	4284598527 (0xFF61C8FF)
YUV	175.4730, 39.2068, -68.8208
Hunter-Lab	71.4632, -16.0872, -34.7495

Details

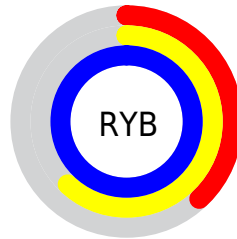
The Yxy color **51.0699, 0.2216, 0.2594** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.5432, 0.4701, 0.3835**, and the grayscale version is **42.9394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2136, 0.2605, 0.3288**, and **24.6350, 0.2003, 0.2410** is the 20% darker color. If you saturate the color by 10%, you get **45.8992, 0.2108, 0.2459**, and if you desaturate by 10%, it is **56.9303, 0.2342, 0.2726**.

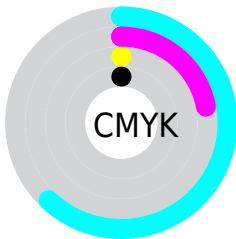
Distribution



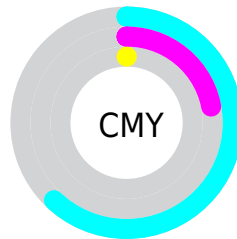
- Red (38%)
- Green (78%)
- Blue (100%)



- Red (38%)
- Yellow (62%)
- Blue (100%)



- Cyan (62%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0699, 0.2216, 0.2594 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 51.0699, 0.2216, 0.2594 by changing the saturation by 10% instead.


 51.0699, 0.2216,
0.2594

 51.0699, 0.2216,
0.2594


 390.8353, 0.2644,
0.2936

 36.2642, 0.2118,
0.2513


 91.7581, 0.2365,
0.2716

 24.6383, 0.1998,
0.2411


 118.4094, 0.2423,
0.2762


 15.8078, 0.1848,
0.2280

 149.7781, 0.2473,
0.2802

 9.3883, 0.1656,
0.2108

 186.2485, 0.2516,
0.2836

 4.9953, 0.1406,
0.1874

 228.2050, 0.2554,
0.2866

 2.2445, 0.1074,
0.1545

 276.0320, 0.2588,

 0.7441, 0.0533,

0.2892

0.1082

330.1140, 0.2618,
0.2915

■ 0.0000, 0.0000,
0.0000

■ 51.0699, 0.2216,
0.2594

■ 51.0699, 0.2216,
0.2594

■ 45.8992, 0.2108,
0.2459

■ 56.9303, 0.2342,
0.2726

■ 41.3670, 0.2020,
0.2324

■ 63.5210, 0.2481,
0.2852

■ 37.4157, 0.1953,
0.2190

■ 70.8813, 0.2629,
0.2971

■ 34.6043, 0.1913,
0.2085

■ 79.0467, 0.2784,
0.3081

■ 88.0498, 0.2941,
0.3182

97.9213, 0.3096,
0.3273

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.



51.0699, 0.2203, 0.2931



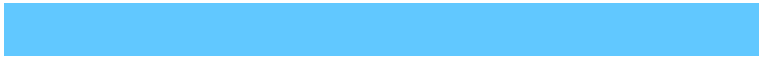
51.0699, 0.2216, 0.2594



51.0699, 0.2445, 0.2462

Triad

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



51.0699, 0.2216, 0.2594



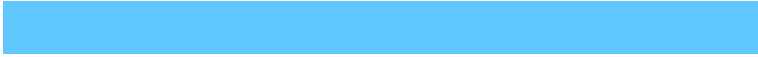
51.0699, 0.3877, 0.3103



51.0699, 0.3325, 0.4217

Complementary

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



51.0699, 0.2216, 0.2594



44.5432, 0.4701, 0.3835

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.



51.0699, 0.3804, 0.4184



51.0699, 0.2216, 0.2594



51.0699, 0.4149, 0.3512

Square

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



51.0699, 0.2216, 0.2594



51.0699, 0.3390, 0.2754



51.0699, 0.4114, 0.3905



51.0699, 0.2816, 0.3931

Rectangle

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



51.0699, 0.2216, 0.2594



51.0699, 0.2706, 0.2485



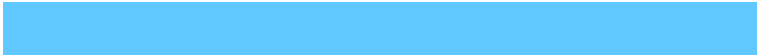
51.0699, 0.4114, 0.3905



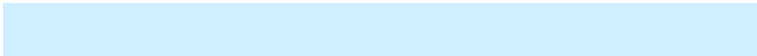
51.0699, 0.3495, 0.4241

Sweetspot

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



51.0706, 0.2216, 0.2594



81.6562, 0.2831, 0.3112



76.2455, 0.2825, 0.4667



16.9445, 0.2786, 0.3082



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.



51.0706, 0.2216, 0.2594



44.9422, 0.2089, 0.2432



23.9855, 0.1983, 0.1581



19.3554, 0.2980, 0.3205



18.3717, 0.1919, 0.2107



1.9934, 0.1960, 0.2257

Inverse Universe

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



33.9627, 0.3775, 0.2292



28.8817, 0.3958, 0.2180



77.9670, 0.4150, 0.4537



18.1867, 0.3192, 0.3136



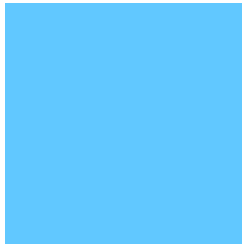
12.5826, 0.4334, 0.2161



1.2458, 0.4171, 0.2072

Previews

White Background



This preview shows how the Yxy color 51.0699, 0.2216, 0.2594 looks on a white background.

Color Contrast Check

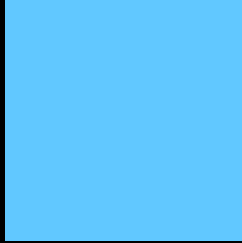
Large Text (above 18pt) WCAG AA × Fail

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 51.0699, 0.2216, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

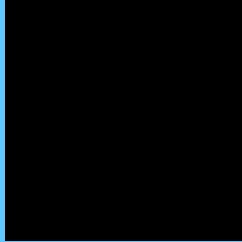
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

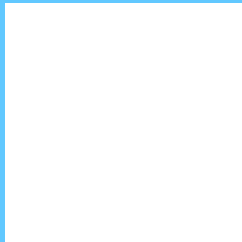
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0699, 0.2216, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 51.0699, 0.2216, 0.2594.



This preview shows how white text looks on a background with the Yxy color 51.0699, 0.2216, 0.2594.

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

51.0699, 0.2216, 0.2594

Protanopia

50.5337, 0.2631, 0.2601

Deuteranopia

50.6626, 0.2536, 0.2483



Tritanopia

51.2197, 0.2313, 0.3055

Trichromacy



Original Color

51.0699, 0.2216, 0.2594

Protanomaly

50.0587, 0.2445, 0.2590

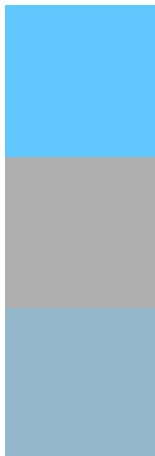
Deuteranomaly

50.2324, 0.2394, 0.2513

Tritanomaly

51.2101, 0.2275, 0.2876

Monochromacy



Original Color

51.0699, 0.2216, 0.2594

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.8437, 0.2697, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0699, 0.2216, 0.2594 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, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 200, 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, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.0699, 0.2216, 0.2594 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, 200, 255) }
```

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

```
.border{ border-color:rgb(97, 200, 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, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(97, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0699, 0.2216, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 200, 255) }
```

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

```
.background{ background-color: rgb(97, 200,  
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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