

Converting Colors

$Yxy(54.2852, 0.2338, 0.2652)$

Have a look what the booklet for
Yxy(54.2852, 0.2338, 0.2652)
contains.

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Color

Yxy(54.2918, 0.2338, 0.2652)

Conversions

Conversions Part 1

Format	Color
Hex	7DCBFF
RGB	125, 203, 255
RGB Percent	49%, 80%, 100%
CMY	0.5098, 0.2039, 0.0000
CMYK	0.51, 0.20, 0.00, 0.00
HSL	204°, 100%, 75%
HSV	204°, 51%, 100%
XYZ	47.8636, 54.2918, 102.5648
YIQ	185.6060, -63.1800, -0.3640

Conversions

Conversions Part 2

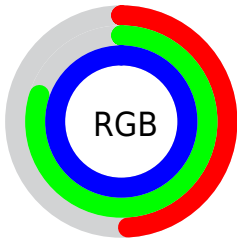
Format	Color
RYB	125, 174, 255
Decimal	8244223
CIELab	78.63, -10.10, -32.90
CIElCh	79, 34.412, 252.932
Yxy	54.2918, 0.2338, 0.2652
Android (android.graphics.Color)	4286434303 (0xFF7DCBFF)
YUV	185.6060, 34.2112, -53.1515
Hunter-Lab	73.6830, -12.9937, -30.9521

Details

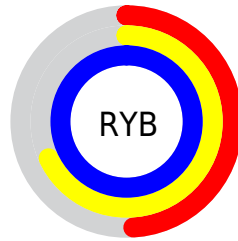
The Yxy color **54.2918, 0.2338, 0.2652** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.1871, 0.4287, 0.3829**, and the grayscale version is **48.7047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **26.6289, 0.2149, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **47.9541, 0.2203, 0.2499**, and if you desaturate by 10%, it is **61.4429, 0.2485, 0.2798**.

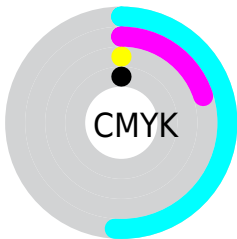
Distribution



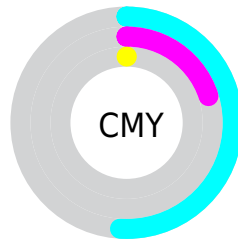
- Red (49%)
- Green (80%)
- Blue (100%)



- Red (49%)
- Yellow (68%)
- Blue (100%)



- Cyan (51%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2918, 0.2338, 0.2652 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 54.2918, 0.2338, 0.2652 by changing the saturation by 10% instead.


 54.2918, 0.2338,
0.2652


 54.2918, 0.2338,
0.2652


403.2218, 0.2709,
0.2961


 38.8350, 0.2253,
0.2579


 96.5026, 0.2467,
0.2761

 26.6314, 0.2149,
0.2488


 124.0253, 0.2517,
0.2803

 17.2966, 0.2018,
0.2372


 156.3388, 0.2560,
0.2839

 10.4462, 0.1849,
0.2218

193.8275, 0.2598,
0.2870

 5.6958, 0.1625,
0.2010

236.8757, 0.2630,
0.2897

 2.6610, 0.1321,
0.1715

285.8679, 0.2660,

 0.9574, 0.0889,

0.2921

0.1286

341.1885, 0.2685,
0.2942

0.0000, 0.0000,
0.0000

54.2918, 0.2338,
0.2652

54.2918, 0.2338,
0.2652

47.9541, 0.2203,
0.2499

61.4429, 0.2485,
0.2798

42.3794, 0.2085,
0.2343

69.4419, 0.2639,
0.2935

37.5193, 0.1987,
0.2185

78.3277, 0.2798,
0.3061

33.3143, 0.1911,
0.2031

88.1350, 0.2956,
0.3177

30.0023, 0.1860,
0.1895

98.8959, 0.3112,
0.3280

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.



54.2918, 0.2300, 0.2929



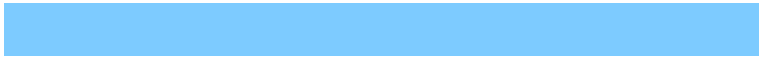
54.2918, 0.2338, 0.2652



54.2918, 0.2569, 0.2556

Triad

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



54.2918, 0.2338, 0.2652



54.2918, 0.3829, 0.3178



54.2918, 0.3243, 0.4075

Complementary

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



54.2918, 0.2338, 0.2652



54.1871, 0.4287, 0.3829

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.



54.2918, 0.3673, 0.4092



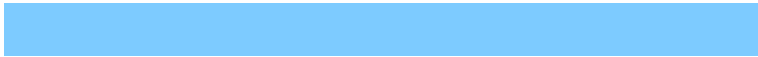
54.2918, 0.2338, 0.2652



54.2918, 0.4032, 0.3544

Square

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



54.2918, 0.2338, 0.2652



54.2918, 0.3424, 0.2854



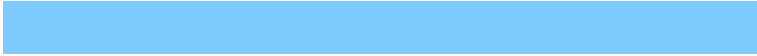
54.2918, 0.3969, 0.3881



54.2918, 0.2800, 0.3792

Rectangle

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



54.2918, 0.2338, 0.2652



54.2918, 0.2815, 0.2589



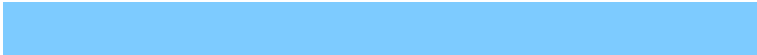
54.2918, 0.3969, 0.3881



54.2918, 0.3394, 0.4111

Sweetspot

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



54.2937, 0.2338, 0.2652



84.0771, 0.2893, 0.3132



79.0551, 0.2814, 0.4266



17.5538, 0.2859, 0.3107



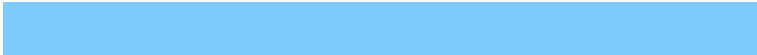
0.0000, 0.0000, 0.0000



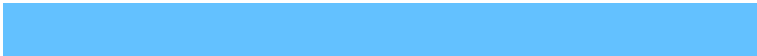
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2937, 0.2338, 0.2652



47.9406, 0.2203, 0.2499



29.7595, 0.2173, 0.1816



19.1908, 0.2979, 0.3193



15.9770, 0.1867, 0.1920



1.7696, 0.1915, 0.2092

Inverse Universe

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



40.2411, 0.3693, 0.2504



34.1096, 0.3858, 0.2378



86.2456, 0.3934, 0.4424



18.1701, 0.3200, 0.3148



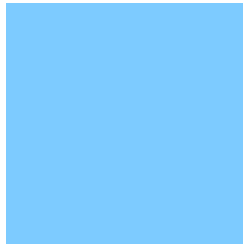
12.3409, 0.4544, 0.2277



1.2232, 0.4350, 0.2170

Previews

White Background



This preview shows how the Yxy color 54.2918, 0.2338, 0.2652 looks on a white background.

Color Contrast Check

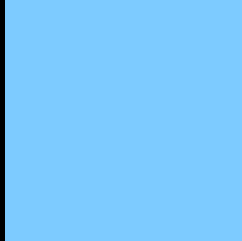
Large Text (above 18pt) WCAG AA × Fail

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 54.2918, 0.2338, 0.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

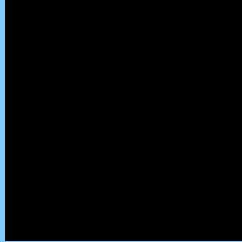
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

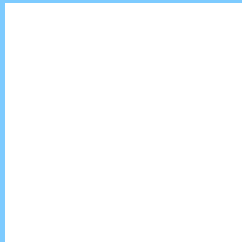
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2918, 0.2338, 0.2652

Background



This preview shows how black text looks on a background with the Yxy color 54.2918, 0.2338, 0.2652.



This preview shows how white text looks on a background with the Yxy color 54.2918, 0.2338, 0.2652.

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

54.2918, 0.2338, 0.2652

Protanopia

54.1180, 0.2668, 0.2651

Deuteranopia

53.9466, 0.2607, 0.2555



Tritanopia

54.1928, 0.2444, 0.3065

Trichromacy



Original Color

54.2918, 0.2338, 0.2652

Protanomaly

53.8556, 0.2531, 0.2647

Deuteranomaly

53.6211, 0.2497, 0.2582

Tritanomaly

54.1207, 0.2405, 0.2904

Monochromacy



Original Color

54.2918, 0.2338, 0.2652

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2949, 0.2781, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2918, 0.2338, 0.2652 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(125, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 203, 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(125, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.2918, 0.2338, 0.2652 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(125, 203, 255) }
```

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

```
.border{ border-color:rgb(125, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(125, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2918, 0.2338, 0.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 203, 255) }
```

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

```
.background{ background-color: rgb(125,  
203, 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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