

Converting Colors

$Yxy(54.9338, 0.2365, 0.2737)$

Have a look what the booklet for
Yxy(54.9338, 0.2365, 0.2737)
contains.

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Color

Yxy(54.9247, 0.2365, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	7DCDFA
RGB	125, 205, 250
RGB Percent	49%, 80%, 98%
CMY	0.5099, 0.1961, 0.0194
CMYK	0.50, 0.18, 0.00, 0.02
HSL	202°, 93%, 74%
HSV	202°, 50%, 98%
XYZ	47.5465, 54.9247, 98.5709
YIQ	186.2100, -62.1250, -2.9650

Conversions

Conversions Part 2

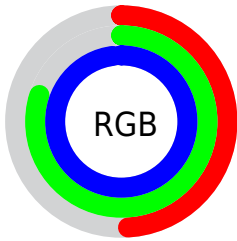
Format	Color
R _{YB}	125, 174, 250
Decimal	8244730
CIE Lab	79.00, -12.56, -29.69
CIE LCh	79, 32.234, 247.068
Yxy	54.9247, 0.2365, 0.2732
Android (android.graphics.Color)	4286434810 (0xFF7DCDFA)
YUV	186.2100, 31.4485, -53.6812
Hunter-Lab	74.1112, -15.1769, -26.9803

Details

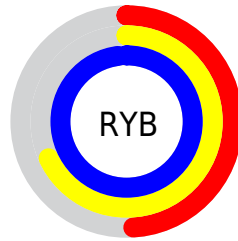
The Yxy color **54.9247, 0.2365, 0.2732** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.5692, 0.4286, 0.3768**, and the grayscale version is **49.0726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **27.0735, 0.2185, 0.2594** is the 20% darker color. If you saturate the color by 10%, you get **49.0911, 0.2235, 0.2596**, and if you desaturate by 10%, it is **61.4839, 0.2508, 0.2861**.

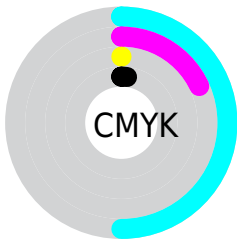
Distribution



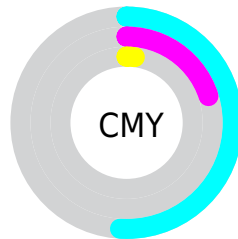
- Red (49%)
- Green (80%)
- Blue (98%)



- Red (49%)
- Yellow (68%)
- Blue (98%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9247, 0.2365, 0.2732 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 54.9247, 0.2365, 0.2732 by changing the saturation by 10% instead.

■ 54.9247, 0.2365,
0.2732

■ 54.9247, 0.2365,
0.2732

405.6264, 0.2723,
0.3005

■ 39.3414, 0.2283,
0.2667

■ 97.4306, 0.2490,
0.2829

■ 27.0254, 0.2182,
0.2585

■ 125.1221, 0.2538,
0.2866

■ 17.5923, 0.2054,
0.2480

■ 157.6184, 0.2580,
0.2898

■ 10.6577, 0.1890,
0.2341

195.3039, 0.2616,
0.2925

■ 5.8372, 0.1670,
0.2148

238.5631, 0.2648,
0.2949

■ 2.7463, 0.1369,
0.1870

287.7803, 0.2676,

■ 1.0008, 0.0929,

0.2970

0.1453

343.3400, 0.2701,
0.2988

0.0000, 0.0000,
0.0000

54.9247, 0.2365,
0.2732

54.9247, 0.2365,
0.2732

49.0911, 0.2235,
0.2596

61.4839, 0.2508,
0.2861

43.9365, 0.2121,
0.2457

68.7992, 0.2659,
0.2983

39.4174, 0.2027,
0.2316

76.9060, 0.2815,
0.3095

35.4799, 0.1954,
0.2177

85.8356, 0.2972,
0.3197

32.0430, 0.1901,
0.2041

95.6172, 0.3127,
0.3290

99.6847, 0.3156,
0.3337

Harmonies

Analogous

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



54.9247, 0.2366, 0.3024



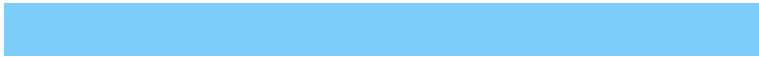
54.9247, 0.2365, 0.2732



54.9247, 0.2549, 0.2606

Triad

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



54.9247, 0.2365, 0.2732



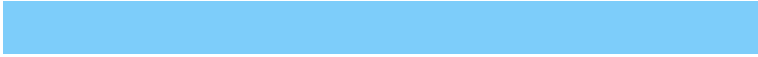
54.9247, 0.3719, 0.3122



54.9247, 0.3321, 0.4043

Complementary

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



54.9247, 0.2365, 0.2732



50.5692, 0.4286, 0.3768

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.



54.9247, 0.3707, 0.4015



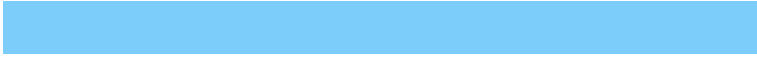
54.9247, 0.2365, 0.2732



54.9247, 0.3953, 0.3464

Square

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



54.9247, 0.2365, 0.2732



54.9247, 0.3320, 0.2832



54.9247, 0.3944, 0.3790



54.9247, 0.2900, 0.3823

Rectangle

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



54.9247, 0.2365, 0.2732



54.9247, 0.2763, 0.2615



54.9247, 0.3944, 0.3790



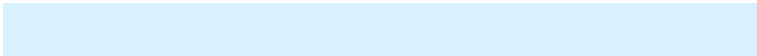
54.9247, 0.3459, 0.4060

Sweetspot

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



54.9267, 0.2365, 0.2732



84.9770, 0.2893, 0.3147



75.6107, 0.2849, 0.4326



17.7710, 0.2860, 0.3126



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.



54.9267, 0.2365, 0.2732



51.3061, 0.2234, 0.2596



31.1313, 0.2209, 0.1929



18.4955, 0.2980, 0.3203



17.2729, 0.1907, 0.2064



1.8006, 0.1952, 0.2227

Inverse Universe

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



39.4020, 0.3623, 0.2470



34.9281, 0.3768, 0.2333



79.1218, 0.3949, 0.4352



17.4122, 0.3193, 0.3139



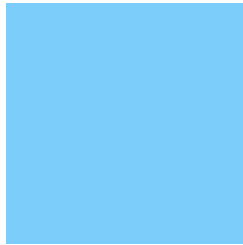
12.1546, 0.4381, 0.2187



1.1460, 0.4204, 0.2089

Previews

White Background



This preview shows how the Yxy color 54.9247, 0.2365, 0.2732 looks on a white background.

Color Contrast Check

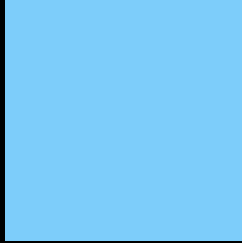
Large Text (above 18pt) WCAG AA × Fail

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 54.9247, 0.2365, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

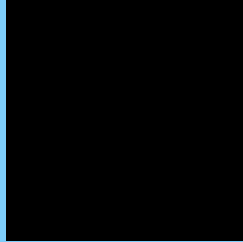
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

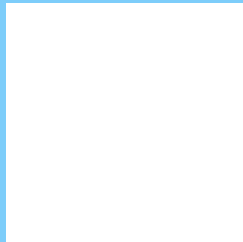
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9247, 0.2365, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 54.9247, 0.2365, 0.2732.



This preview shows how white text looks on a background with the Yxy color 54.9247, 0.2365, 0.2732.

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

54.9247, 0.2365, 0.2732

Protanopia

54.5581, 0.2725, 0.2729

Deuteranopia

54.2985, 0.2645, 0.2580



Tritanopia

54.8738, 0.2451, 0.3066

Trichromacy



Original Color

54.9247, 0.2365, 0.2732

Protanomaly

54.1455, 0.2577, 0.2725

Deuteranomaly

54.0852, 0.2526, 0.2627

Tritanomaly

55.1030, 0.2419, 0.2943

Monochromacy



Original Color

54.9247, 0.2365, 0.2732

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6359, 0.2795, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9247, 0.2365, 0.2732 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, 205, 250)` looks like.

```
.text, #text, p{  
    color:rgb(125, 205, 250)  
}
```

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, 205, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 205, 250) }
```

Border

The CSS property to change the border of an element to Yxy 54.9247, 0.2365, 0.2732 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, 205, 250) }
```

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

```
.border{ border-color:rgb(125, 205, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 205, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 205, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 205, 250); box-shadow:4px 4px 4px 4px rgb(125, 205, 250) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9247, 0.2365, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 205, 250) }
```

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

```
.background{ background-color: rgb(125,  
205, 250) }
```

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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