

Converting Colors

$Yxy(54.2961, 0.2340, 0.2724)$

Have a look what the booklet for
Yxy(54.2961, 0.2340, 0.2724)
contains.

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Color

Yxy(54.5578, 0.2343, 0.2729)

Conversions

Conversions Part 1

Format	Color
Hex	78CDFA
RGB	120, 205, 250
RGB Percent	47%, 80%, 98%
CMY	0.5292, 0.1961, 0.0195
CMYK	0.52, 0.18, 0.00, 0.02
HSL	201°, 93%, 73%
HSV	201°, 52%, 98%
XYZ	46.8409, 54.5578, 98.5199
YIQ	184.7150, -65.1050, -4.0250

Conversions

Conversions Part 2

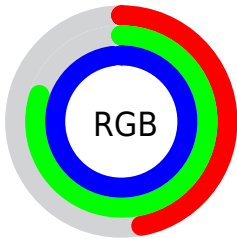
Format	Color
RYB	120, 171, 250
Decimal	7917050
CIELab	78.79, -13.62, -30.02
CIElCh	79, 32.963, 245.597
Yxy	54.5578, 0.2343, 0.2729
Android (android.graphics.Color)	4286107130 (0xFF78CDFA)
YUV	184.7150, 32.1855, -56.7551
Hunter-Lab	73.8633, -16.0636, -27.3776

Details

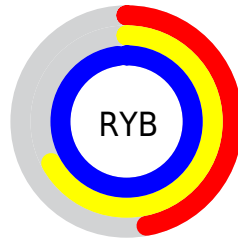
The Yxy color **54.5578, 0.2343, 0.2729** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.6300, 0.4360, 0.3766**, and the grayscale version is **48.2039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **26.8533, 0.2158, 0.2590** is the 20% darker color. If you saturate the color by 10%, you get **48.9679, 0.2218, 0.2598**, and if you desaturate by 10%, it is **60.8479, 0.2482, 0.2854**.

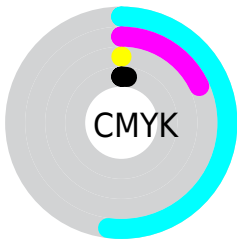
Distribution



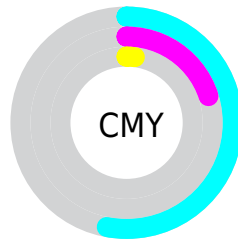
- Red (47%)
- Green (80%)
- Blue (98%)



- Red (47%)
- Yellow (67%)
- Blue (98%)



- Cyan (52%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5578, 0.2343, 0.2729 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 54.5578, 0.2343, 0.2729 by changing the saturation by 10% instead.

■ 54.5578, 0.2343,
0.2729

■ 54.5578, 0.2343,
0.2729

404.2335, 0.2711,
0.3004

■ 39.0478, 0.2259,
0.2663

■ 96.8928, 0.2471,
0.2827

■ 26.7969, 0.2155,
0.2581

■ 124.4865, 0.2521,
0.2864

■ 17.4208, 0.2024,
0.2474

■ 156.8770, 0.2564,
0.2896

■ 10.5349, 0.1855,
0.2333

194.4485, 0.2601,
0.2924

■ 5.7551, 0.1631,
0.2137

237.5855, 0.2634,
0.2948

■ 2.6967, 0.1325,
0.1854

286.6724, 0.2662,

■ 0.9755, 0.0870,

0.2969

0.1433

342.0936, 0.2688,
0.2987

0.0000, 0.0000,
0.0000

54.5578, 0.2343,
0.2729

54.5578, 0.2343,
0.2729

48.9679, 0.2218,
0.2598

60.8479, 0.2482,
0.2854

44.0314, 0.2110,
0.2464

67.8688, 0.2630,
0.2973

39.7037, 0.2022,
0.2329

75.6563, 0.2785,
0.3082

35.9295, 0.1955,
0.2196

84.2415, 0.2941,
0.3182

33.2361, 0.1914,
0.2091

93.6535, 0.3097,
0.3273

99.6834, 0.3156,
0.3338

Harmonies

Analogous

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



54.5578, 0.2354, 0.3035



54.5578, 0.2343, 0.2729



54.5578, 0.2522, 0.2592

Triad

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



54.5578, 0.2343, 0.2729



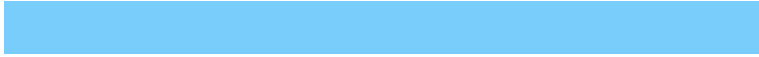
54.5578, 0.3717, 0.3102



54.5578, 0.3346, 0.4067

Complementary

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



54.5578, 0.2343, 0.2729



48.6300, 0.4360, 0.3766

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.



54.5578, 0.3737, 0.4026



54.5578, 0.2343, 0.2729



54.5578, 0.3968, 0.3450

Square

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



54.5578, 0.2343, 0.2729



54.5578, 0.3303, 0.2809



54.5578, 0.3971, 0.3786



54.5578, 0.2914, 0.3854

Rectangle

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



54.5578, 0.2343, 0.2729



54.5578, 0.2735, 0.2597



54.5578, 0.3971, 0.3786



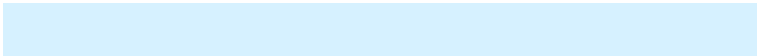
54.5578, 0.3487, 0.4081

Sweetspot

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



54.5598, 0.2343, 0.2729



84.3757, 0.2878, 0.3143



75.0397, 0.2852, 0.4404



17.6642, 0.2846, 0.3122



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.



54.5598, 0.2343, 0.2729



51.1659, 0.2217, 0.2597



30.1656, 0.2175, 0.1894



18.5367, 0.2980, 0.3206



17.9056, 0.1920, 0.2113



1.8563, 0.1964, 0.2269

Inverse Universe

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



38.1840, 0.3631, 0.2425



33.9713, 0.3773, 0.2291



77.3711, 0.3992, 0.4370



17.4164, 0.3191, 0.3136



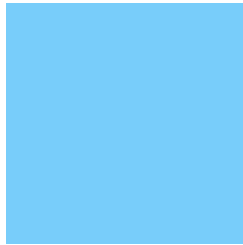
12.2185, 0.4327, 0.2157



1.1516, 0.4158, 0.2064

Previews

White Background



This preview shows how the Yxy color 54.5578, 0.2343, 0.2729 looks on a white background.

Color Contrast Check

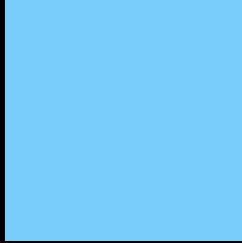
Large Text (above 18pt) WCAG AA × Fail

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 54.5578, 0.2343, 0.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

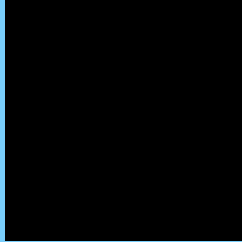
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

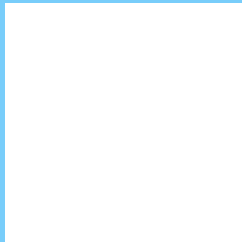
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5578, 0.2343, 0.2729

Background



This preview shows how black text looks on a background with the Yxy color 54.5578, 0.2343, 0.2729.

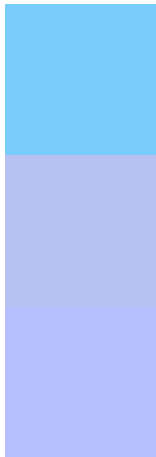


This preview shows how white text looks on a background with the Yxy color 54.5578, 0.2343, 0.2729.

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

54.5578, 0.2343, 0.2729

Protanopia

53.9952, 0.2717, 0.2716

Deuteranopia

54.1772, 0.2638, 0.2579



Tritanopia

54.5367, 0.2428, 0.3065

Trichromacy



Original Color

54.5578, 0.2343, 0.2729

Protanomaly

53.8351, 0.2559, 0.2723

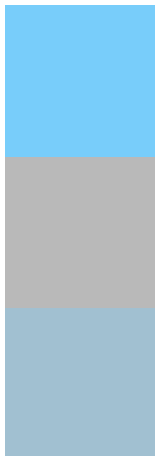
Deuteranomaly

53.8791, 0.2514, 0.2625

Tritanomaly

54.7547, 0.2397, 0.2941

Monochromacy



Original Color

54.5578, 0.2343, 0.2729

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.8798, 0.2773, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5578, 0.2343, 0.2729 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(120, 205, 250)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 205, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 205, 250) }
```

Border

The CSS property to change the border of an element to Yxy 54.5578, 0.2343, 0.2729 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(120, 205, 250) }
```

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

```
.border{ border-color:rgb(120, 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(120, 205, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 205, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 205, 250);  
box-shadow:4px 4px 4px 4px rgb(120, 205,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5578, 0.2343, 0.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 205, 250) }
```

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

```
.background{ background-color: rgb(120,  
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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