

Converting Colors

Yxy(53.9464, 0.2555, 0.2725)

Have a look what the booklet for
Yxy(53.9464, 0.2555, 0.2725)
contains.

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Color

Yxy(53.7333, 0.2553, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	9EC5F4
RGB	158, 197, 244
RGB Percent	62%, 77%, 96%
CMY	0.3802, 0.2275, 0.0433
CMYK	0.35, 0.19, 0.00, 0.04
HSL	213°, 80%, 79%
HSV	213°, 35%, 96%
XYZ	50.3972, 53.7333, 93.2733
YIQ	190.6970, -38.3310, 6.3490

Conversions

Conversions Part 2

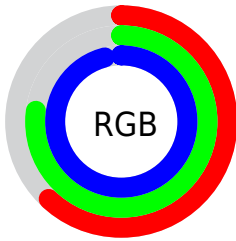
Format	Color
R _Y B	158, 185, 244
Decimal	10405364
CIE Lab	78.31, -1.80, -27.35
CIE LCh	78, 27.408, 266.239
Yxy	53.7333, 0.2553, 0.2722
Android (android.graphics.Color)	4288595444 (0xFF9EC5F4)
YUV	190.6970, 26.2784, -28.6753
Hunter-Lab	73.3030, -5.5582, -24.1305

Details

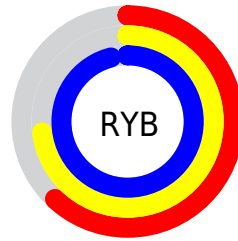
The Yxy color **53.7333, 0.2553, 0.2722** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.3627, 0.3792, 0.3796**, and the grayscale version is **51.7823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5507, 0.2888, 0.3279**, and **26.1593, 0.2402, 0.2565** is the 20% darker color. If you saturate the color by 10%, you get **45.7107, 0.2385, 0.2526**, and if you desaturate by 10%, it is **62.7869, 0.2722, 0.2904**.

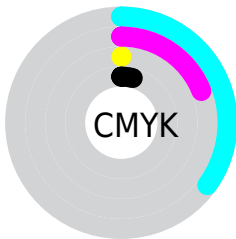
Distribution



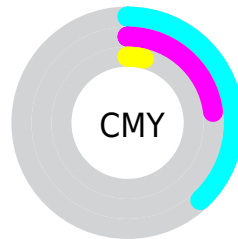
- Red (62%)
- Green (77%)
- Blue (96%)



- Red (62%)
- Yellow (73%)
- Blue (96%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7333, 0.2553, 0.2722 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 53.7333, 0.2553, 0.2722 by changing the saturation by 10% instead.

■ 53.7333, 0.2553,
0.2722

■ 53.7333, 0.2553,
0.2722

401.0922, 0.2827,
0.2995

■ 38.3885, 0.2489,
0.2658

■ 95.6825, 0.2650,
0.2818

■ 26.2843, 0.2409,
0.2577

■ 123.0558, 0.2687,
0.2855

■ 17.0365, 0.2306,
0.2474

155.2072, 0.2719,
0.2887

■ 10.2605, 0.2171,
0.2338

192.5213, 0.2746,
0.2915

■ 5.5720, 0.1986,
0.2150

235.3825, 0.2770,
0.2938

■ 2.5866, 0.1722,
0.1879

284.1751, 0.2792,

■ 0.9200, 0.1324,

0.2960

0.1467

339.2835, 0.2811,
0.2978

0.0000, 0.0000,
0.0000

53.7333, 0.2553,
0.2722

53.7333, 0.2553,
0.2722

45.7107, 0.2385,
0.2526

62.7869, 0.2722,
0.2904

38.6699, 0.2224,
0.2318

72.9052, 0.2887,
0.3070

32.5661, 0.2074,
0.2103

84.1282, 0.3047,
0.3219

27.3481, 0.1943,
0.1888

96.3720, 0.3194,
0.3352

22.9575, 0.1835,
0.1679

99.3094, 0.3191,
0.3396

■ 19.3254, 0.1753,
0.1484

■ 17.8142, 0.1721,
0.1396

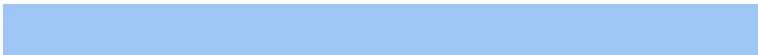
Harmonies

Analogous

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



53.7333, 0.2449, 0.2889



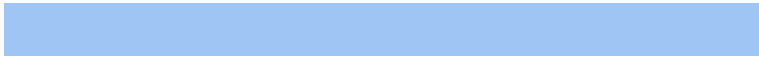
53.7333, 0.2553, 0.2722



53.7333, 0.2806, 0.2703

Triad

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



53.7333, 0.2553, 0.2722



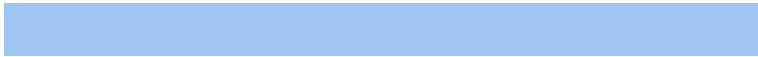
53.7333, 0.3783, 0.3337



53.7333, 0.3063, 0.3831

Complementary

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



53.7333, 0.2553, 0.2722



65.3627, 0.3792, 0.3796

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.



53.7333, 0.3426, 0.3947



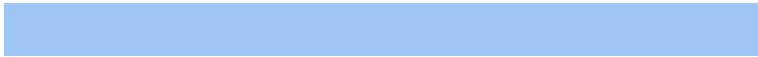
53.7333, 0.2553, 0.2722



53.7333, 0.3854, 0.3632

Square

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



53.7333, 0.2553, 0.2722



53.7333, 0.3522, 0.3048



53.7333, 0.3719, 0.3861



53.7333, 0.2731, 0.3541

Rectangle

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



53.7333, 0.2553, 0.2722



53.7333, 0.3035, 0.2769



53.7333, 0.3719, 0.3861



53.7333, 0.3185, 0.3893

Sweetspot

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



53.7354, 0.2553, 0.2722



85.6676, 0.2955, 0.3134



76.3062, 0.2833, 0.3770



17.9808, 0.2933, 0.3114



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.



53.7354, 0.2553, 0.2722



53.1940, 0.2437, 0.2588



38.5655, 0.2506, 0.2235



17.1643, 0.2980, 0.3157



9.9546, 0.1729, 0.1425



1.0774, 0.1796, 0.1663

Inverse Universe

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



47.7263, 0.3586, 0.2871



46.4149, 0.3715, 0.2789



85.8678, 0.3638, 0.4175



16.6075, 0.3222, 0.3183



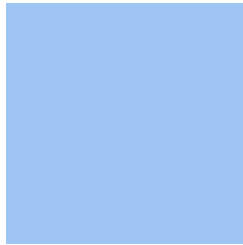
11.1043, 0.5158, 0.2615



0.9964, 0.4852, 0.2446

Previews

White Background



This preview shows how the Yxy color 53.7333, 0.2553, 0.2722 looks on a white background.

Color Contrast Check

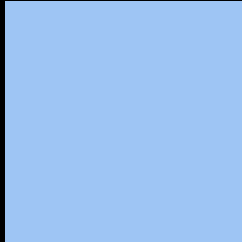
Large Text (above 18pt) WCAG AA × Fail

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 53.7333, 0.2553, 0.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

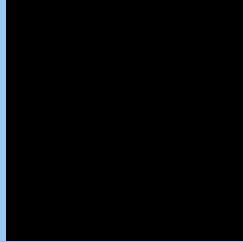
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

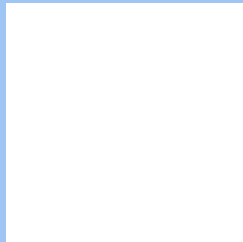
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7333, 0.2553, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 53.7333, 0.2553, 0.2722.



This preview shows how white text looks on a background with the Yxy color 53.7333, 0.2553, 0.2722.

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

53.7333, 0.2553, 0.2722

Protanopia

53.4980, 0.2722, 0.2714

Deuteranopia

53.7950, 0.2705, 0.2643



Tritanopia

53.9784, 0.2670, 0.3085

Trichromacy



Original Color

53.7333, 0.2553, 0.2722

Protanomaly

53.3750, 0.2658, 0.2719

Deuteranomaly

53.8465, 0.2648, 0.2678

Tritanomaly

53.7246, 0.2628, 0.2950

Monochromacy



Original Color

53.7333, 0.2553, 0.2722

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3768, 0.2897, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7333, 0.2553, 0.2722 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(158, 197, 244)` looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 244)  
}
```

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(158, 197, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 244) }
```

Border

The CSS property to change the border of an element to Yxy 53.7333, 0.2553, 0.2722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

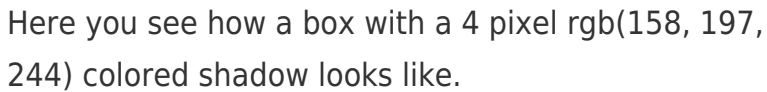
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 197, 244) }
```

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

```
.border{ border-color:rgb(158, 197, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 197, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 244);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7333, 0.2553, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 197, 244) }
```

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

```
.background{ background-color: rgb(158,  
197, 244) }
```

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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