

Converting Colors

Yxy(54.9228, 0.2633, 0.2800)

Have a look what the booklet for
Yxy(54.9228, 0.2633, 0.2800)
contains.

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Color

Yxy(54.7272, 0.2631, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	A6C6EF
RGB	166, 198, 239
RGB Percent	65%, 78%, 94%
CMY	0.3491, 0.2235, 0.0627
CMYK	0.31, 0.17, 0.00, 0.06
HSL	214°, 70%, 79%
HSV	214°, 31%, 94%
XYZ	51.4976, 54.7272, 89.5091
YIQ	193.1060, -32.2330, 5.9670

Conversions

Conversions Part 2

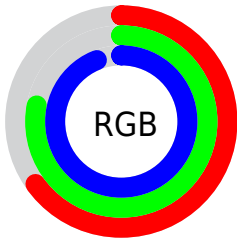
Format	Color
R_{YB}	166, 188, 239
Decimal	10929903
CIE _{Lab}	78.88, -1.36, -23.76
CIE _{LCh}	79, 23.801, 266.713
Yxy	54.7272, 0.2631, 0.2796
Android (android.graphics.Color)	4289119983 (0xFFA6C6EF)
YUV	193.1060, 22.6257, -23.7720
Hunter-Lab	73.9778, -5.2035, -19.9532

Details

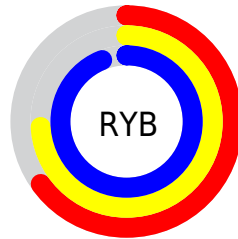
The Yxy color **54.7272, 0.2631, 0.2796** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.7200, 0.3684, 0.3737**, and the grayscale version is **53.2727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **26.8102, 0.2504, 0.2663** is the 20% darker color. If you saturate the color by 10%, you get **46.5167, 0.2461, 0.2601**, and if you desaturate by 10%, it is **63.9654, 0.2800, 0.2975**.

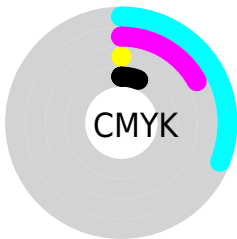
Distribution



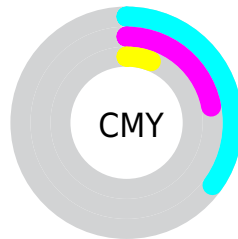
- Red (65%)
- Green (78%)
- Blue (94%)



- Red (65%)
- Yellow (74%)
- Blue (94%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7272, 0.2631, 0.2796 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 54.7272, 0.2631, 0.2796 by changing the saturation by 10% instead.

■ 54.7272, 0.2631,
0.2796

■ 54.7272, 0.2631,
0.2796

404.8770, 0.2868,
0.3033

■ 39.1834, 0.2575,
0.2740

■ 97.1411, 0.2715,
0.2880

■ 26.9024, 0.2505,
0.2670

■ 124.7800, 0.2747,
0.2912

■ 17.4999, 0.2416,
0.2579

157.2194, 0.2775,
0.2940

■ 10.5916, 0.2297,
0.2459

194.8436, 0.2798,
0.2964

■ 5.7929, 0.2133,
0.2293

238.0371, 0.2819,
0.2984

■ 2.7196, 0.1895,
0.2049

287.1842, 0.2838,

■ 0.9871, 0.1525,

0.3003

0.1667

342.6694, 0.2854,
0.3019

0.0000, 0.0000,
0.0000

54.7272, 0.2631,
0.2796

54.7272, 0.2631,
0.2796

46.5167, 0.2461,
0.2601

63.9654, 0.2800,
0.2975

39.2868, 0.2294,
0.2392

74.2630, 0.2963,
0.3137

32.9959, 0.2136,
0.2175

85.6581, 0.3119,
0.3283

27.5959, 0.1993,
0.1954

96.9135, 0.3223,
0.3413

23.0336, 0.1872,
0.1736

99.0120, 0.3220,
0.3444

■ 19.2475, 0.1776,
0.1530

■ 16.2968, 0.1709,
0.1351

Harmonies

Analogous

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



54.7272, 0.2537, 0.2942



54.7272, 0.2631, 0.2796



54.7272, 0.2854, 0.2779

Triad

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



54.7272, 0.2631, 0.2796



54.7272, 0.3694, 0.3338



54.7272, 0.3069, 0.3750

Complementary

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



54.7272, 0.2631, 0.2796



65.7200, 0.3684, 0.3737

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.



54.7272, 0.3383, 0.3854



54.7272, 0.2631, 0.2796



54.7272, 0.3754, 0.3594

Square

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



54.7272, 0.2631, 0.2796



54.7272, 0.3473, 0.3084



54.7272, 0.3636, 0.3788



54.7272, 0.2781, 0.3501

Rectangle

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



54.7272, 0.2631, 0.2796



54.7272, 0.3054, 0.2837



54.7272, 0.3636, 0.3788



54.7272, 0.3175, 0.3804

Sweetspot

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



54.7294, 0.2631, 0.2796



87.9567, 0.2987, 0.3161



74.3018, 0.2861, 0.3681



18.4307, 0.2964, 0.3138



0.0000, 0.0000, 0.0000



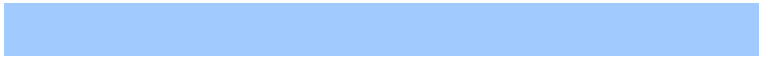
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7294, 0.2631, 0.2796



57.0143, 0.2519, 0.2669



42.0065, 0.2611, 0.2399



16.3694, 0.2980, 0.3154



9.2572, 0.1717, 0.1380



0.9649, 0.1787, 0.1634

Inverse Universe

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



49.6967, 0.3516, 0.2940



50.8931, 0.3633, 0.2862



82.2070, 0.3562, 0.4060



15.8740, 0.3224, 0.3187



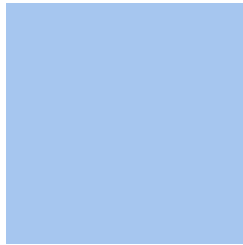
10.7279, 0.5218, 0.2648



0.9121, 0.4888, 0.2467

Previews

White Background



This preview shows how the Yxy color 54.7272, 0.2631, 0.2796 looks on a white background.

Color Contrast Check

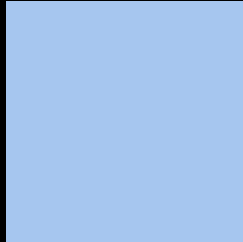
Large Text (above 18pt) WCAG AA × Fail

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 54.7272, 0.2631, 0.2796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

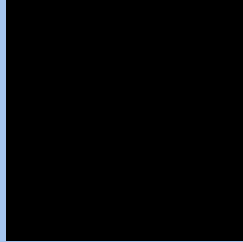
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

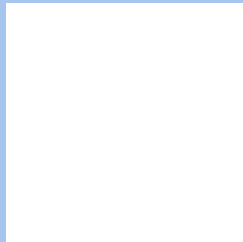
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7272, 0.2631, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 54.7272, 0.2631, 0.2796.



This preview shows how white text looks on a background with the Yxy color 54.7272, 0.2631, 0.2796.

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

54.7272, 0.2631, 0.2796

Protanopia

54.6352, 0.2777, 0.2786

Deuteranopia

54.6888, 0.2779, 0.2714



Tritanopia

54.8801, 0.2727, 0.3088

Trichromacy



Original Color

54.7272, 0.2631, 0.2796

Protanomaly

54.7283, 0.2724, 0.2792

Deuteranomaly

54.8199, 0.2725, 0.2751

Tritanomaly

55.0508, 0.2691, 0.2980

Monochromacy



Original Color

54.7272, 0.2631, 0.2796

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7506, 0.2928, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7272, 0.2631, 0.2796 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(166, 198, 239)` looks like.

```
.text, #text, p{  
    color:rgb(166, 198, 239)  
}
```

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(166, 198, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 198, 239) }
```

Border

The CSS property to change the border of an element to Yxy 54.7272, 0.2631, 0.2796 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(166, 198, 239) }
```

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

```
.border{ border-color:rgb(166, 198, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 198, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 198, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 198, 239);  
box-shadow:4px 4px 4px 4px rgb(166, 198,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7272, 0.2631, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 198, 239) }
```

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

```
.background{ background-color: rgb(166,  
198, 239) }
```

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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