

Converting Colors

$Yxy(55.5772, 0.2571, 0.2753)$

Have a look what the booklet for
Yxy(55.5772, 0.2571, 0.2753)
contains.

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Color

Yxy(55.4782, 0.2570, 0.2751)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A1C8F5 |
| RGB | 161, 200, 245 |
| RGB Percent | 63%, 78%, 96% |
| CMY | 0.3687, 0.2156, 0.0392 |
| CMYK | 0.34, 0.18, 0.00, 0.04 |
| HSL | 212°, 81%, 80% |
| HSV | 212°, 34%, 96% |
| XYZ | 51.8281, 55.4782, 94.3593 |
| YIQ | 193.4690, -37.6890, 5.7270 |

Conversions

Conversions Part 2

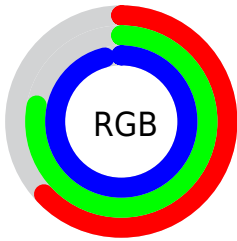
| Format | Color |
|-------------------------------------|---|
| RYB | 161, 188, 245 |
| Decimal | 10602741 |
| CIELab | 79.32, -2.36, -26.34 |
| CIElCh | 79, 26.447, 264.887 |
| Yxy | 55.4782, 0.2570, 0.2751 |
| Android (android.graphics.Color) | 4288792821 (0xFFA1C8F5) |
| YUV | 193.4690, 25.4048, -28.4753 |
| Hunter-Lab | 74.4837, -6.1406, -22.9727 |

Details

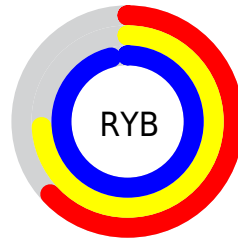
The Yxy color **55.4782, 0.2570, 0.2751** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.1049, 0.3775, 0.3773**, and the grayscale version is **53.4809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **27.2961, 0.2425, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **47.3625, 0.2403, 0.2560**, and if you desaturate by 10%, it is **64.6181, 0.2738, 0.2928**.

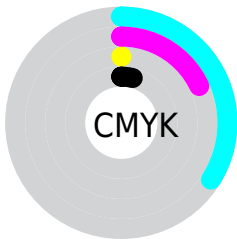
Distribution



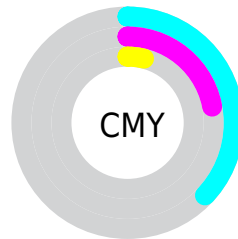
- Red (63%)
- Green (78%)
- Blue (96%)



- Red (63%)
- Yellow (74%)
- Blue (96%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (37%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4782, 0.2570, 0.2751 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 55.4782, 0.2570, 0.2751 by changing the saturation by 10% instead.

■ 55.4782, 0.2570,
0.2751

■ 55.4782, 0.2570,
0.2751

407.7221, 0.2835,
0.3009

■ 39.7847, 0.2508,
0.2690

■ 98.2412, 0.2663,
0.2842

■ 27.3707, 0.2431,
0.2614

■ 126.0796, 0.2699,
0.2877

■ 17.8518, 0.2333,
0.2517

158.7350, 0.2730,
0.2907

■ 10.8437, 0.2204,
0.2389

196.5919, 0.2756,
0.2933

■ 5.9618, 0.2028,
0.2213

240.0347, 0.2780,
0.2956

■ 2.8219, 0.1775,
0.1958

289.4477, 0.2800,

■ 1.0395, 0.1395,

0.2976

0.1568

345.2153, 0.2819,
0.2993

0.0000, 0.0000,
0.0000

55.4782, 0.2570,
0.2751

55.4782, 0.2570,
0.2751

47.3625, 0.2403,
0.2560

64.6181, 0.2738,
0.2928

40.2221, 0.2242,
0.2358

74.8152, 0.2903,
0.3088

34.0135, 0.2093,
0.2148

86.1086, 0.3061,
0.3233

28.6861, 0.1961,
0.1937

97.7730, 0.3187,
0.3362

24.1830, 0.1852,
0.1730

99.3724, 0.3185,
0.3386

■ 20.4368, 0.1769,
0.1536

■ 18.5897, 0.1731,
0.1432

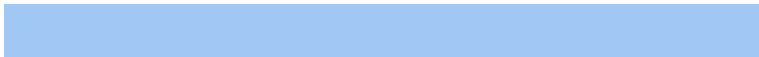
Harmonies

Analogous

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



55.4782, 0.2477, 0.2918



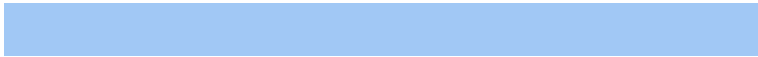
55.4782, 0.2570, 0.2751



55.4782, 0.2807, 0.2726

Triad

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



55.4782, 0.2570, 0.2751



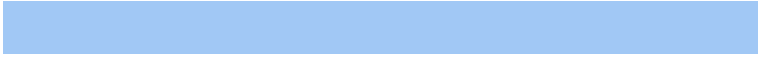
55.4782, 0.3745, 0.3323



55.4782, 0.3082, 0.3814

Complementary

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



55.4782, 0.2570, 0.2751



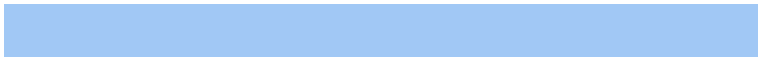
66.1049, 0.3775, 0.3773

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.



55.4782, 0.3428, 0.3916



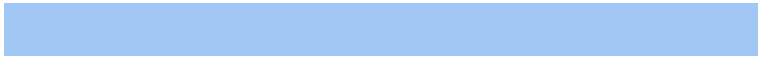
55.4782, 0.2570, 0.2751



55.4782, 0.3823, 0.3606

Square

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



55.4782, 0.2570, 0.2751



55.4782, 0.3490, 0.3047



55.4782, 0.3702, 0.3829



55.4782, 0.2761, 0.3544

Rectangle

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



55.4782, 0.2570, 0.2751



55.4782, 0.3024, 0.2784



55.4782, 0.3702, 0.3829



55.4782, 0.3199, 0.3870

Sweetspot

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



55.4804, 0.2570, 0.2751



87.0773, 0.2971, 0.3152



77.3225, 0.2839, 0.3756



18.2706, 0.2949, 0.3131



0.0000, 0.0000, 0.0000



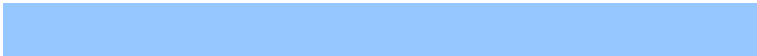
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4804, 0.2570, 0.2751



54.6064, 0.2456, 0.2623



39.9398, 0.2525, 0.2267



17.1959, 0.2980, 0.3160



10.2860, 0.1739, 0.1461



1.1076, 0.1805, 0.1697

Inverse Universe

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



49.0618, 0.3561, 0.2873



47.3414, 0.3683, 0.2789



86.7869, 0.3625, 0.4152



16.6107, 0.3221, 0.3181



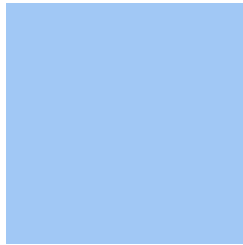
11.1377, 0.5110, 0.2589



0.9994, 0.4810, 0.2424

Previews

White Background



This preview shows how the Yxy color 55.4782, 0.2570, 0.2751 looks on a white background.

Color Contrast Check

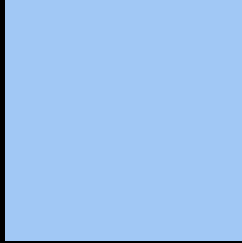
Large Text (above 18pt) WCAG AA × Fail

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 55.4782, 0.2570, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

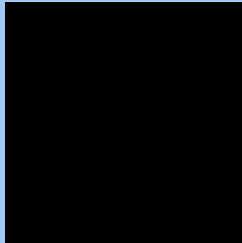
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

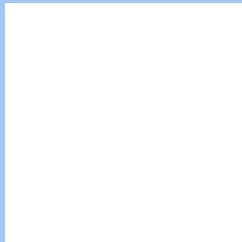
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4782, 0.2570, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 55.4782, 0.2570, 0.2751.



This preview shows how white text looks on a background with the Yxy color 55.4782, 0.2570, 0.2751.

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

55.4782, 0.2570, 0.2751

Protanopia

55.2487, 0.2740, 0.2743

Deuteranopia

55.2335, 0.2728, 0.2661



Tritanopia

55.3748, 0.2674, 0.3075

Trichromacy



Original Color

55.4782, 0.2570, 0.2751

Protanomaly

55.1208, 0.2675, 0.2748

Deuteranomaly

55.2677, 0.2671, 0.2696

Tritanomaly

55.5931, 0.2634, 0.2955

Monochromacy



Original Color

55.4782, 0.2570, 0.2751

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0571, 0.2900, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4782, 0.2570, 0.2751 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(161, 200, 245)` looks like.

```
.text, #text, p{  
    color:rgb(161, 200, 245)  
}
```

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(161, 200, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 200, 245) }
```

Border

The CSS property to change the border of an element to Yxy 55.4782, 0.2570, 0.2751 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(161, 200, 245) }
```

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

```
.border{ border-color:rgb(161, 200, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 200, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 200, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 200, 245);  
box-shadow:4px 4px 4px 4px rgb(161, 200,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4782, 0.2570, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 200, 245) }
```

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

```
.background{ background-color: rgb(161,  
200, 245) }
```

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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