

Converting Colors

$Y_{xy}(55.4390, 0.2460, 0.2719)$

Have a look what the booklet for
Yxy(55.4390, 0.2460, 0.2719)
contains.

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Color

Yxy(55.6337, 0.2460, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	91CBFA
RGB	145, 203, 250
RGB Percent	57%, 80%, 98%
CMY	0.4311, 0.2040, 0.0196
CMYK	0.42, 0.19, 0.00, 0.02
HSL	207°, 91%, 77%
HSV	207°, 42%, 98%
XYZ	50.2973, 55.6337, 98.5295
YIQ	191.0160, -49.6550, 2.3210

Conversions

Conversions Part 2

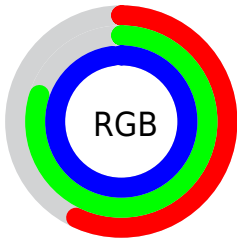
Format	Color
RYB	145, 182, 250
Decimal	9554938
CIELab	79.40, -6.80, -28.96
CIElCh	79, 29.746, 256.780
Yxy	55.6337, 0.2460, 0.2721
Android (android.graphics.Color)	4287745018 (0xFF91CBFA)
YUV	191.0160, 29.0791, -40.3560
Hunter-Lab	74.5880, -10.1603, -26.1095

Details

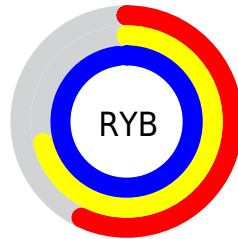
The Yxy color **55.6337, 0.2460, 0.2721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1071, 0.3998, 0.3790**, and the grayscale version is **51.9694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **27.4690, 0.2301, 0.2581** is the 20% darker color. If you saturate the color by 10%, you get **48.5073, 0.2308, 0.2555**, and if you desaturate by 10%, it is **63.6463, 0.2619, 0.2876**.

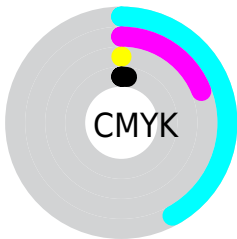
Distribution



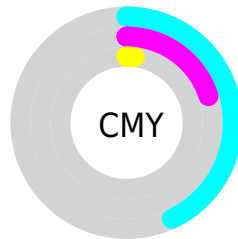
- Red (57%)
- Green (80%)
- Blue (98%)



- Red (57%)
- Yellow (71%)
- Blue (98%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)




- Cyan (43%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6337, 0.2460, 0.2721 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 55.6337, 0.2460, 0.2721 by changing the saturation by 10% instead.


 55.6337, 0.2460,
0.2721

 55.6337, 0.2460,
0.2721


408.3096, 0.2775,
0.2995

 39.9093, 0.2387,
0.2656


 98.4688, 0.2570,
0.2818

 27.4678, 0.2298,
0.2576


 126.3483, 0.2612,
0.2855

 17.9249, 0.2184,
0.2472


159.0483, 0.2649,
0.2887

 10.8961, 0.2036,
0.2336

196.9532, 0.2681,
0.2914

 5.9970, 0.1837,
0.2149

240.4474, 0.2709,
0.2938

 2.8433, 0.1559,
0.1880

289.9153, 0.2733,

 1.0505, 0.1157,

0.2960

0.1476

345.7412, 0.2755,
0.2978

0.0000, 0.0000,
0.0000

55.6337, 0.2460,
0.2721

55.6337, 0.2460,
0.2721

48.5073, 0.2308,
0.2555

63.6463, 0.2619,
0.2876

42.2196, 0.2168,
0.2382

72.5766, 0.2780,
0.3020

36.7274, 0.2045,
0.2206

82.4621, 0.2940,
0.3151

31.9792, 0.1942,
0.2029

93.3359, 0.3097,
0.3268

27.9147, 0.1862,
0.1858

99.6822, 0.3156,
0.3338

■ 25.0769, 0.1813,
0.1726

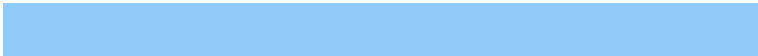
Harmonies

Analogous

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



55.6337, 0.2404, 0.2946



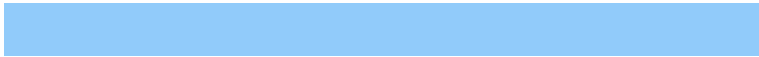
55.6337, 0.2460, 0.2721



55.6337, 0.2683, 0.2653

Triad

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



55.6337, 0.2460, 0.2721



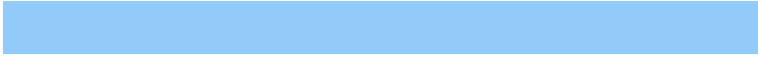
55.6337, 0.3762, 0.3237



55.6337, 0.3181, 0.3937

Complementary

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



55.6337, 0.2460, 0.2721



60.1071, 0.3998, 0.3790

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.



55.6337, 0.3558, 0.3988



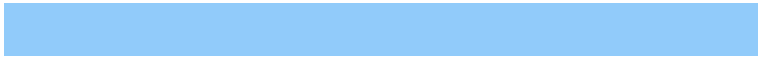
55.6337, 0.2460, 0.2721



55.6337, 0.3908, 0.3557

Square

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



55.6337, 0.2460, 0.2721



55.6337, 0.3433, 0.2945



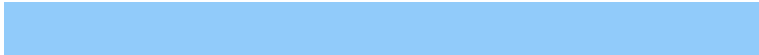
55.6337, 0.3829, 0.3835



55.6337, 0.2804, 0.3673

Rectangle

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



55.6337, 0.2460, 0.2721



55.6337, 0.2907, 0.2693



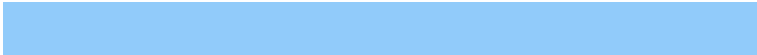
55.6337, 0.3829, 0.3835



55.6337, 0.3312, 0.3979

Sweetspot

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



55.6358, 0.2460, 0.2721



85.1331, 0.2924, 0.3138



78.1396, 0.2839, 0.4016



17.7192, 0.2889, 0.3110



0.0000, 0.0000, 0.0000



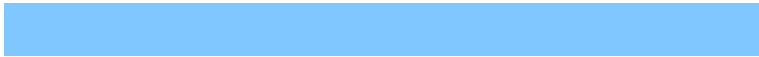
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6358, 0.2460, 0.2721



52.1020, 0.2337, 0.2588



35.4075, 0.2353, 0.2074



18.2316, 0.2980, 0.3181



13.5932, 0.1820, 0.1752



1.4706, 0.1875, 0.1951

Inverse Universe

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



44.9088, 0.3608, 0.2685



40.6397, 0.3744, 0.2575



86.4753, 0.3782, 0.4270



17.3856, 0.3207, 0.3160



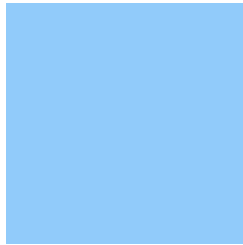
11.7831, 0.4743, 0.2386



1.1127, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 55.6337, 0.2460, 0.2721 looks on a white background.

Color Contrast Check

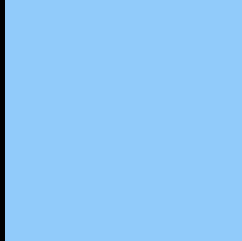
Large Text (above 18pt) WCAG AA × Fail

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 55.6337, 0.2460, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

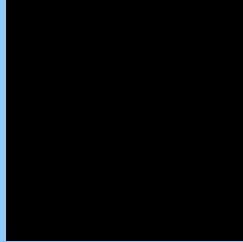
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

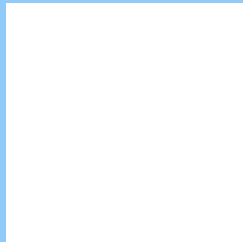
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6337, 0.2460, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 55.6337, 0.2460, 0.2721.



This preview shows how white text looks on a background with the Yxy color 55.6337, 0.2460, 0.2721.

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

55.6337, 0.2460, 0.2721

Protanopia

55.3056, 0.2715, 0.2711

Deuteranopia

55.4825, 0.2673, 0.2618



Tritanopia

55.8968, 0.2565, 0.3084

Trichromacy



Original Color

55.6337, 0.2460, 0.2721

Protanomaly

55.1324, 0.2615, 0.2711

Deuteranomaly

55.4436, 0.2588, 0.2659

Tritanomaly

55.6885, 0.2530, 0.2950

Monochromacy



Original Color

55.6337, 0.2460, 0.2721

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7824, 0.2848, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6337, 0.2460, 0.2721 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(145, 203, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 203, 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(145, 203, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 203, 250) }
```

Border

The CSS property to change the border of an element to Yxy 55.6337, 0.2460, 0.2721 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(145, 203, 250) }
```

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

```
.border{ border-color:rgb(145, 203, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 203, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 203, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 203, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 203,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6337, 0.2460, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 203, 250) }
```

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

```
.background{ background-color: rgb(145,  
203, 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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