

Converting Colors

$Y_{xy}(55.7829, 0.2501, 0.2750)$

Have a look what the booklet for
Yxy(55.7829, 0.2501, 0.2750)
contains.

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Color

Yxy(55.9113, 0.2502, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	96CBF7
RGB	150, 203, 247
RGB Percent	59%, 80%, 97%
CMY	0.4117, 0.2039, 0.0315
CMYK	0.39, 0.18, 0.00, 0.03
HSL	207°, 86%, 78%
HSV	207°, 39%, 97%
XYZ	50.7216, 55.9113, 96.0912
YIQ	192.1690, -45.7120, 2.4480

Conversions

Conversions Part 2

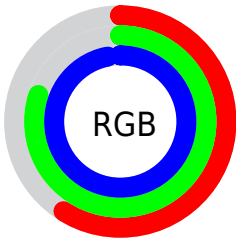
Format	Color
RYB	150, 184, 247
Decimal	9882615
CIELab	79.56, -6.35, -27.08
CIElCh	80, 27.810, 256.798
Yxy	55.9113, 0.2502, 0.2758
Android (android.graphics.Color)	4288072695 (0xFF96CBF7)
YUV	192.1690, 27.0317, -36.9822
Hunter-Lab	74.7739, -9.7718, -23.8513

Details

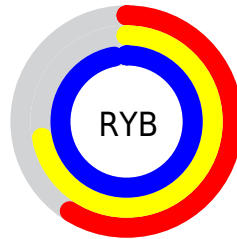
The Yxy color **55.9113, 0.2502, 0.2758** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.5538, 0.3924, 0.3763**, and the grayscale version is **52.6787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **27.6362, 0.2343, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **48.7106, 0.2347, 0.2593**, and if you desaturate by 10%, it is **63.9923, 0.2662, 0.2912**.

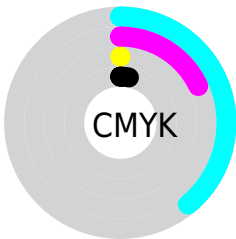
Distribution



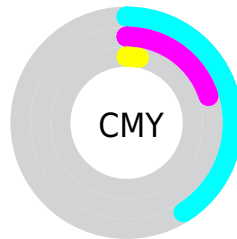
- Red (59%)
- Green (80%)
- Blue (97%)



- Red (59%)
- Yellow (72%)
- Blue (97%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (41%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9113, 0.2502, 0.2758 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 55.9113, 0.2502, 0.2758 by changing the saturation by 10% instead.

■ 55.9113, 0.2502,
0.2758

■ 55.9113, 0.2502,
0.2758

409.3571, 0.2797,
0.3014

■ 40.1318, 0.2434,
0.2697

■ 98.8749, 0.2605,
0.2849

■ 27.6413, 0.2349,
0.2622

■ 126.8278, 0.2645,
0.2884

■ 18.0555, 0.2241,
0.2524

159.6072, 0.2680,
0.2913

■ 10.9898, 0.2101,
0.2396

197.5977, 0.2709,
0.2939

■ 6.0600, 0.1910,
0.2218

241.1835, 0.2736,
0.2961

■ 2.8816, 0.1642,
0.1961

290.7491, 0.2759,

■ 1.0702, 0.1248,

0.2981

0.1568

346.6788, 0.2779,
0.2999

0.0000, 0.0000,
0.0000

55.9113, 0.2502,
0.2758

55.9113, 0.2502,
0.2758

48.7106, 0.2347,
0.2593

63.9923, 0.2662,
0.2912

42.3446, 0.2203,
0.2420

72.9834, 0.2824,
0.3054

36.7721, 0.2074,
0.2241

82.9209, 0.2984,
0.3183

31.9448, 0.1964,
0.2062

93.8365, 0.3139,
0.3298

27.8067, 0.1877,
0.1887

99.4937, 0.3174,
0.3367

■ 24.2762, 0.1812,
0.1720

■ 24.0302, 0.1808,
0.1707

Harmonies

Analogous

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



55.9113, 0.2449, 0.2970



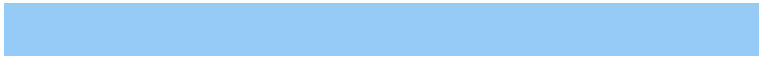
55.9113, 0.2502, 0.2758



55.9113, 0.2712, 0.2693

Triad

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



55.9113, 0.2502, 0.2758



55.9113, 0.3719, 0.3242



55.9113, 0.3178, 0.3891

Complementary

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



55.9113, 0.2502, 0.2758



60.5538, 0.3924, 0.3763

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.



55.9113, 0.3531, 0.3941



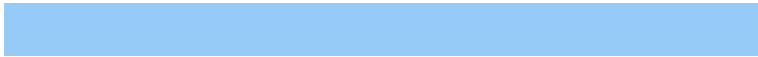
55.9113, 0.2502, 0.2758



55.9113, 0.3856, 0.3543

Square

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



55.9113, 0.2502, 0.2758



55.9113, 0.3414, 0.2967



55.9113, 0.3783, 0.3801



55.9113, 0.2826, 0.3646

Rectangle

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



55.9113, 0.2502, 0.2758



55.9113, 0.2922, 0.2730



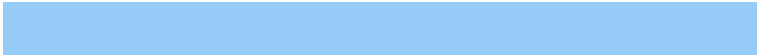
55.9113, 0.3783, 0.3801



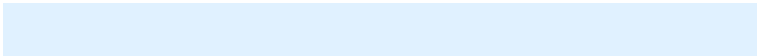
55.9113, 0.3301, 0.3931

Sweetspot

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



55.9134, 0.2502, 0.2758



86.1138, 0.2940, 0.3148



76.8707, 0.2846, 0.3939



18.1280, 0.2919, 0.3132



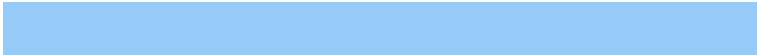
0.0000, 0.0000, 0.0000



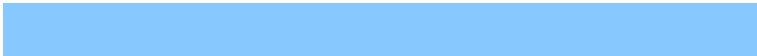
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9134, 0.2502, 0.2758



53.9901, 0.2380, 0.2630



36.6008, 0.2408, 0.2146



17.4277, 0.2980, 0.3180



12.9998, 0.1815, 0.1735



1.3478, 0.1874, 0.1945

Inverse Universe

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



45.9021, 0.3571, 0.2730



42.8301, 0.3699, 0.2622



85.5509, 0.3734, 0.4223



16.6341, 0.3208, 0.3161



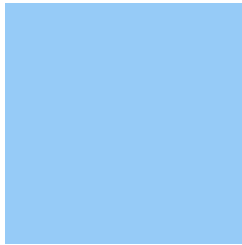
11.4117, 0.4764, 0.2398



1.0237, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 55.9113, 0.2502, 0.2758 looks on a white background.

Color Contrast Check

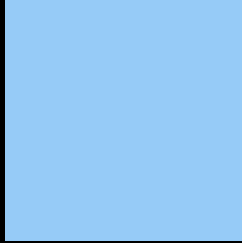
Large Text (above 18pt) WCAG AA × Fail

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 55.9113, 0.2502, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

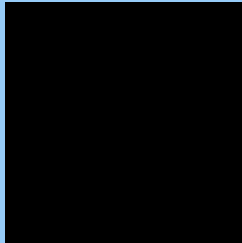
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

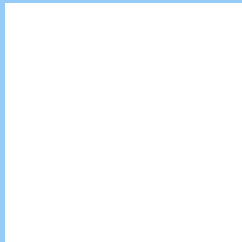
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9113, 0.2502, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 55.9113, 0.2502, 0.2758.



This preview shows how white text looks on a background with the Yxy color 55.9113, 0.2502, 0.2758.

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

55.9113, 0.2502, 0.2758

Protanopia

55.8202, 0.2747, 0.2756

Deuteranopia

55.6708, 0.2711, 0.2652



Tritanopia

55.9368, 0.2597, 0.3073

Trichromacy



Original Color

55.9113, 0.2502, 0.2758

Protanomaly

55.7435, 0.2653, 0.2759

Deuteranomaly

55.7085, 0.2629, 0.2694

Tritanomaly

56.0798, 0.2563, 0.2964

Monochromacy



Original Color

55.9113, 0.2502, 0.2758

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5804, 0.2870, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9113, 0.2502, 0.2758 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(150, 203, 247)` looks like.

```
.text, #text, p{  
    color:rgb(150, 203, 247)  
}
```

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(150, 203, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 203, 247) }
```

Border

The CSS property to change the border of an element to Yxy 55.9113, 0.2502, 0.2758 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(150, 203, 247) }
```

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

```
.border{ border-color:rgb(150, 203, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 203, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 203, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 203, 247);  
box-shadow:4px 4px 4px 4px rgb(150, 203,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9113, 0.2502, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 203, 247) }
```

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

```
.background{ background-color: rgb(150,  
203, 247) }
```

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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