

Converting Colors

$Yxy(55.9571, 0.2403, 0.2897)$

Have a look what the booklet for
Yxy(55.9571, 0.2403, 0.2897)
contains.

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Color

Yxy(55.9571, 0.2403, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	79D1F0
RGB	121, 209, 240
RGB Percent	47%, 82%, 94%
CMY	0.5254, 0.1804, 0.0589
CMYK	0.50, 0.13, 0.00, 0.06
HSL	196°, 80%, 71%
HSV	196°, 50%, 94%
XYZ	46.4152, 55.9571, 90.7830
YIQ	186.2220, -62.3990, -9.0150

Conversions

Conversions Part 2

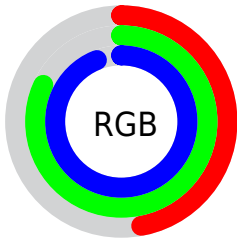
Format	Color
R _Y B	121, 172, 240
Decimal	7983600
CIE Lab	79.59, -18.28, -23.43
CIE LCh	80, 29.719, 232.036
Yxy	55.9571, 0.2403, 0.2897
Android (android.graphics.Color)	4286173680 (0xFF79D1F0)
YUV	186.2220, 26.5126, -57.1997
Hunter-Lab	74.8045, -20.1509, -19.5914

Details

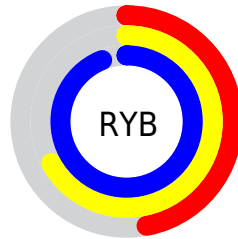
The Yxy color **55.9571, 0.2403, 0.2897** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **42.3682, 0.4341, 0.3634**, and the grayscale version is **49.1134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **27.5326, 0.2227, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **51.4272, 0.2286, 0.2802**, and if you desaturate by 10%, it is **61.0428, 0.2534, 0.2988**.

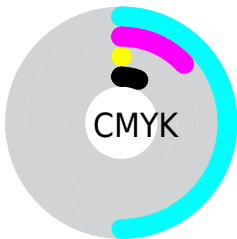
Distribution



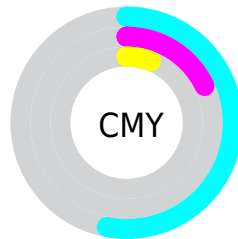
- Red (47%)
- Green (82%)
- Blue (94%)



- Red (47%)
- Yellow (67%)
- Blue (94%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)





- Cyan (53%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9571, 0.2403, 0.2897 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 55.9571, 0.2403, 0.2897 by changing the saturation by 10% instead.


 55.9571, 0.2403,
0.2897


 55.9571, 0.2403,
0.2897

 409.5298, 0.2743,
0.3093


 40.1685, 0.2325,
0.2849


 98.9419, 0.2522,
0.2968


 27.6700, 0.2228,
0.2788


 126.9068, 0.2568,
0.2995


 18.0770, 0.2106,
0.2708


 159.6994, 0.2607,
0.3017

 11.0053, 0.1947,
0.2599

 197.7039, 0.2641,
0.3037

 6.0704, 0.1733,
0.2445

 241.3048, 0.2672,
0.3054

 2.8879, 0.1436,
0.2211

 290.8865, 0.2698,

 1.0735, 0.0965,

0.3069

0.1841

346.8334, 0.2722,
0.3082

■ 0.0000, 0.0000,
0.0000

■ 55.9571, 0.2403,
0.2897

■ 55.9571, 0.2403,
0.2897

■ 51.4272, 0.2286,
0.2802

■ 61.0428, 0.2534,
0.2988

■ 47.4129, 0.2186,
0.2705

■ 66.7087, 0.2676,
0.3074

■ 43.8777, 0.2106,
0.2606

■ 72.9847, 0.2826,
0.3153

■ 40.7760, 0.2046,
0.2508

■ 79.8969, 0.2979,
0.3226

■ 38.0354, 0.2004,
0.2411

■ 87.4695, 0.3134,
0.3293

■ 37.9213, 0.2002,
0.2407

■ 93.7738, 0.3221,
0.3353

■ 97.6518, 0.3216,
0.3413

■ 99.0706, 0.3215,
0.3434

Harmonies

Analogous

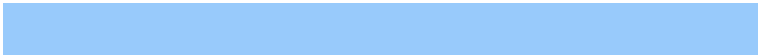
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.9571, 0.2493, 0.3229



55.9571, 0.2403, 0.2897



55.9571, 0.2489, 0.2699

Triad

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



55.9571, 0.2403, 0.2897



55.9571, 0.3499, 0.2993



55.9571, 0.3495, 0.3993

Complementary

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



55.9571, 0.2403, 0.2897



42.3682, 0.4341, 0.3634

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.



55.9571, 0.3792, 0.3872



55.9571, 0.2403, 0.2897



55.9571, 0.3801, 0.3293

Square

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



55.9571, 0.2403, 0.2897



55.9571, 0.3104, 0.2766



55.9571, 0.3909, 0.3610



55.9571, 0.3112, 0.3902

Rectangle

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



55.9571, 0.2403, 0.2897



55.9571, 0.2639, 0.2655



55.9571, 0.3909, 0.3610



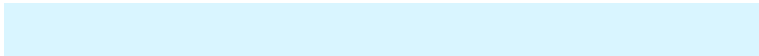
55.9571, 0.3609, 0.3974

Sweetspot

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



55.9592, 0.2403, 0.2897



87.2599, 0.2895, 0.3187



68.6081, 0.2910, 0.4476



18.3233, 0.2862, 0.3171



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.



55.9592, 0.2403, 0.2897



59.2090, 0.2290, 0.2806



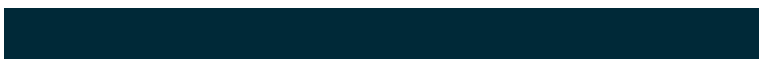
32.4180, 0.2251, 0.2106



17.1914, 0.2981, 0.3227



20.9879, 0.2006, 0.2423



1.9062, 0.2042, 0.2550

Inverse Universe

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



36.8097, 0.3487, 0.2365



36.2196, 0.3583, 0.2214



66.1215, 0.4001, 0.4234



15.9570, 0.3178, 0.3117



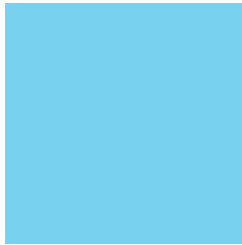
11.9121, 0.4000, 0.1977



1.0071, 0.3872, 0.1907

Previews

White Background



This preview shows how the Yxy color 55.9571, 0.2403, 0.2897 looks on a white background.

Color Contrast Check

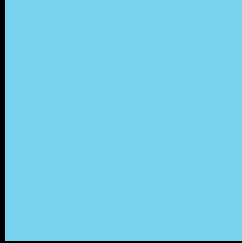
Large Text (above 18pt) WCAG AA × Fail

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 55.9571, 0.2403, 0.2897 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 55.9571, 0.2403, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 55.9571, 0.2403, 0.2897.

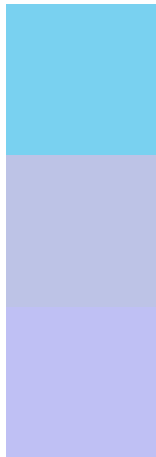


This preview shows how white text looks on a background with the Yxy color 55.9571, 0.2403, 0.2897.

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

55.9571, 0.2403, 0.2897

Protanopia

55.5622, 0.2838, 0.2878

Deuteranopia

55.3073, 0.2761, 0.2695



Tritanopia

55.9719, 0.2446, 0.3068

Trichromacy



Original Color

55.9571, 0.2403, 0.2897

Protanomaly

55.1416, 0.2650, 0.2875

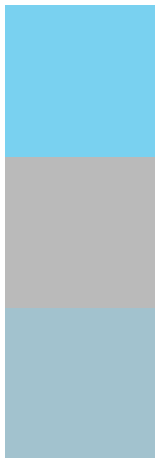
Deuteranomaly

54.9662, 0.2609, 0.2752

Tritanomaly

55.7709, 0.2429, 0.3005

Monochromacy



Original Color

55.9571, 0.2403, 0.2897

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.7212, 0.2801, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9571, 0.2403, 0.2897 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(121, 209, 240)` looks like.

```
.text, #text, p{  
    color:rgb(121, 209, 240)  
}
```

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(121, 209, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 209, 240) }
```

Border

The CSS property to change the border of an element to Yxy 55.9571, 0.2403, 0.2897 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(121, 209, 240) }
```

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

```
.border{ border-color:rgb(121, 209, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 209, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 209, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 209, 240);  
box-shadow:4px 4px 4px 4px rgb(121, 209,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9571, 0.2403, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 209, 240) }
```

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

```
.background{ background-color: rgb(121,  
209, 240) }
```

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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