

Converting Colors

$Yxy(56.2169, 0.2325, 0.2804)$

Have a look what the booklet for
Yxy(56.2169, 0.2325, 0.2804)
contains.

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Color

Yxy(56.3122, 0.2323, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	6FD2F9
RGB	111, 210, 249
RGB Percent	44%, 82%, 98%
CMY	0.5646, 0.1765, 0.0235
CMYK	0.55, 0.16, 0.00, 0.02
HSL	197°, 92%, 71%
HSV	197°, 55%, 98%
XYZ	46.7023, 56.3122, 98.0287
YIQ	184.8450, -71.5230, -8.8590

Conversions

Conversions Part 2

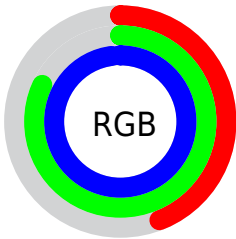
Format	Color
R _Y B	111, 169, 249
Decimal	7328505
CIE Lab	79.79, -18.34, -27.96
CIE LCh	80, 33.442, 236.738
Yxy	56.3122, 0.2323, 0.2801
Android (android.graphics.Color)	4285518585 (0xFF6FD2F9)
YUV	184.8450, 31.6284, -64.7621
Hunter-Lab	75.0415, -20.2324, -24.9231

Details

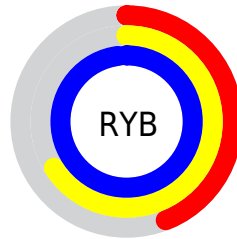
The Yxy color **56.3122, 0.2323, 0.2801** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.1075, 0.4535, 0.3699**, and the grayscale version is **48.2800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3979, 0.2657, 0.3289**, and **27.7407, 0.2134, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **51.5183, 0.2213, 0.2695**, and if you desaturate by 10%, it is **61.7132, 0.2449, 0.2903**.

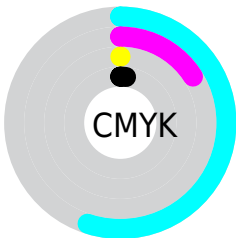
Distribution



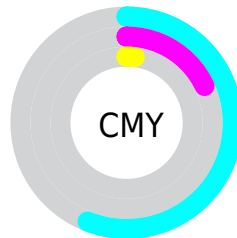
- Red (44%)
- Green (82%)
- Blue (98%)



- Red (44%)
- Yellow (66%)
- Blue (98%)



- Cyan (55%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)





- Cyan (56%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3122, 0.2323, 0.2801 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 56.3122, 0.2323, 0.2801 by changing the saturation by 10% instead.


 56.3122, 0.2323,
0.2801

 56.3122, 0.2323,
0.2801


410.8670, 0.2698,
0.3043

 40.4533, 0.2238,
0.2742


 99.4609, 0.2453,
0.2888

 27.8921, 0.2133,
0.2669


 127.5195, 0.2504,
0.2921

 18.2444, 0.2001,
0.2573


 160.4134, 0.2547,
0.2949

 11.1256, 0.1832,
0.2445

198.5271, 0.2585,
0.2973

 6.1514, 0.1607,
0.2266

242.2449, 0.2619,
0.2994

 2.9373, 0.1303,
0.2004

291.9512, 0.2648,

 1.0991, 0.0850,

0.3012

0.1604

348.0304, 0.2674,
0.3029

■ 0.0000, 0.0000,
0.0000

■ 56.3122, 0.2323,
0.2801

■ 56.3122, 0.2323,
0.2801

■ 51.5183, 0.2213,
0.2695

■ 61.7132, 0.2449,
0.2903

■ 47.2849, 0.2121,
0.2587

■ 67.7509, 0.2588,
0.3000

■ 43.5673, 0.2049,
0.2479

■ 74.4600, 0.2735,
0.3091

■ 40.3079, 0.1998,
0.2373

■ 81.8708, 0.2888,
0.3175

■ 38.9279, 0.1979,
0.2325

■ 90.0109, 0.3043,
0.3252

97.8637, 0.3163,
0.3321

99.6195, 0.3162,
0.3347

Harmonies

Analogous

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



56.3122, 0.2391, 0.3151



56.3122, 0.2323, 0.2801



56.3122, 0.2448, 0.2612

Triad

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



56.3122, 0.2323, 0.2801



56.3122, 0.3607, 0.3006



56.3122, 0.3472, 0.4084

Complementary

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



56.3122, 0.2323, 0.2801



43.1075, 0.4535, 0.3699

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.



56.3122, 0.3829, 0.3974



56.3122, 0.2323, 0.2801



56.3122, 0.3920, 0.3345

Square

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



56.3122, 0.2323, 0.2801



56.3122, 0.3169, 0.2739



56.3122, 0.4000, 0.3694



56.3122, 0.3038, 0.3945

Rectangle

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



56.3122, 0.2323, 0.2801



56.3122, 0.2631, 0.2583



56.3122, 0.4000, 0.3694



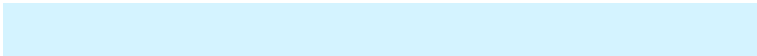
56.3122, 0.3606, 0.4072

Sweetspot

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



56.3143, 0.2323, 0.2801



85.1151, 0.2864, 0.3162



73.2642, 0.2884, 0.4617



17.8736, 0.2833, 0.3146



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.



56.3143, 0.2323, 0.2801



54.0665, 0.2206, 0.2688



29.9310, 0.2134, 0.1906



18.7307, 0.2980, 0.3221



21.0910, 0.1984, 0.2342



2.1332, 0.2019, 0.2469

Inverse Universe

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



36.1669, 0.3579, 0.2296



32.5540, 0.3701, 0.2154



70.8130, 0.4099, 0.4352



17.4360, 0.3181, 0.3121



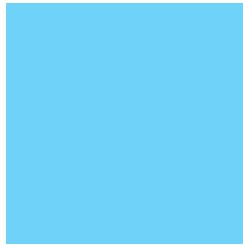
12.5401, 0.4083, 0.2023



1.1796, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 56.3122, 0.2323, 0.2801 looks on a white background.

Color Contrast Check

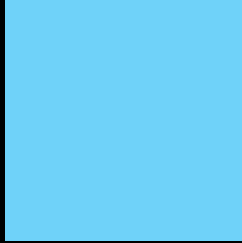
Large Text (above 18pt) WCAG AA × Fail

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 56.3122, 0.2323, 0.2801 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 56.3122, 0.2323, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 56.3122, 0.2323, 0.2801.

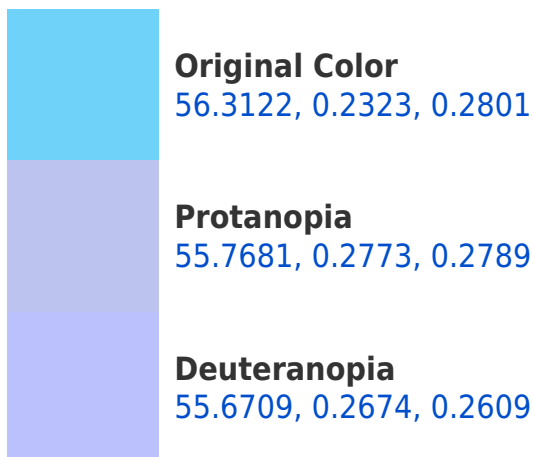


This preview shows how white text looks on a background with the Yxy color 56.3122, 0.2323, 0.2801.

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

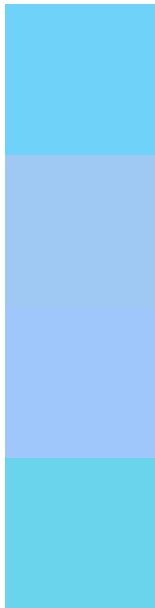




Tritanopia

56.2447, 0.2387, 0.3066

Trichromacy



Original Color

56.3122, 0.2323, 0.2801

Protanomaly

55.0903, 0.2574, 0.2782

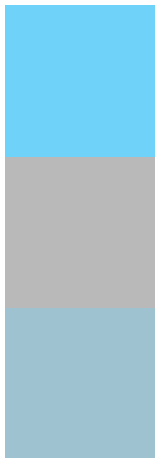
Deuteranomaly

55.2461, 0.2520, 0.2662

Tritanomaly

56.3272, 0.2365, 0.2967

Monochromacy



Original Color

56.3122, 0.2323, 0.2801

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.4067, 0.2760, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3122, 0.2323, 0.2801 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(111, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(111, 210, 249)  
}
```

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(111, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 210, 249) }
```

Border

The CSS property to change the border of an element to Yxy 56.3122, 0.2323, 0.2801 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(111, 210, 249) }
```

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

```
.border{ border-color:rgb(111, 210, 249) }
```

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

Here you see how a box with a 4 pixel rgb(111, 210, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(111, 210,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3122, 0.2323, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 210, 249) }
```

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

```
.background{ background-color: rgb(111,  
210, 249) }
```

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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