

Converting Colors

$Y_{xy}(56.7567, 0.2518, 0.2916)$

Have a look what the booklet for
Yxy(56.7567, 0.2518, 0.2916)
contains.

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Color

Yxy(56.5797, 0.2522, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	8FCFED
RGB	143, 207, 237
RGB Percent	56%, 81%, 93%
CMY	0.4395, 0.1882, 0.0706
CMYK	0.40, 0.13, 0.00, 0.07
HSL	199°, 72%, 74%
HSV	199°, 40%, 93%
XYZ	48.9181, 56.5797, 88.4676
YIQ	191.2840, -47.7740, -4.2380

Conversions

Conversions Part 2

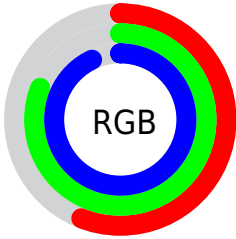
Format	Color
RYB	143, 181, 237
Decimal	9424877
CIELab	79.94, -12.85, -21.21
CIELCh	80, 24.797, 238.785
Yxy	56.5797, 0.2522, 0.2917
Android (android.graphics.Color)	4287614957 (0xFF8FCFED)
YUV	191.2840, 22.5380, -42.3451
Hunter-Lab	75.2195, -15.5488, -17.0789

Details

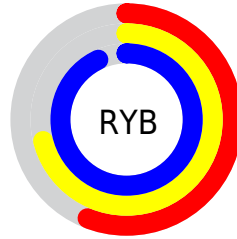
The Yxy color **56.5797, 0.2522, 0.2917** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.8447, 0.3991, 0.3629**, and the grayscale version is **52.1545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **28.1449, 0.2373, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **51.1122, 0.2384, 0.2804**, and if you desaturate by 10%, it is **62.6735, 0.2669, 0.3023**.

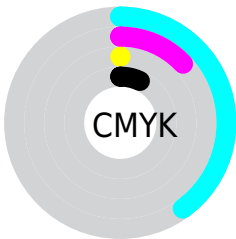
Distribution



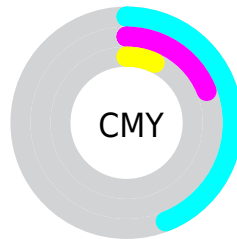
- Red (56%)
- Green (81%)
- Blue (93%)



- Red (56%)
- Yellow (71%)
- Blue (93%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5797, 0.2522, 0.2917 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 56.5797, 0.2522, 0.2917 by changing the saturation by 10% instead.

■ 56.5797, 0.2522,
0.2917

■ 56.5797, 0.2522,
0.2917

411.8725, 0.2808,
0.3101

■ 40.6679, 0.2456,
0.2872

■ 99.8517, 0.2622,
0.2983

■ 28.0597, 0.2374,
0.2816

■ 127.9806, 0.2661,
0.3008

■ 18.3706, 0.2269,
0.2743

160.9507, 0.2694,
0.3029

■ 11.2164, 0.2132,
0.2643

199.1464, 0.2723,
0.3047

■ 6.2126, 0.1945,
0.2503

242.9520, 0.2748,
0.3063

■ 2.9748, 0.1679,
0.2290

292.7519, 0.2770,

■ 1.1186, 0.1273,

0.3077

0.1944

348.9307, 0.2790,
0.3090

0.0000, 0.0000,
0.0000

56.5797, 0.2522,
0.2917

56.5797, 0.2522,
0.2917

51.1122, 0.2384,
0.2804

62.6735, 0.2669,
0.3023

46.2336, 0.2259,
0.2686

69.4154, 0.2822,
0.3121

41.9121, 0.2151,
0.2564

76.8338, 0.2977,
0.3211

38.1089, 0.2063,
0.2442

84.9532, 0.3132,
0.3292

34.7786, 0.1994,
0.2319

92.5556, 0.3241,
0.3366

■ 31.8481, 0.1945,
0.2199

■ 97.2161, 0.3234,
0.3438

■ 31.7618, 0.1943,
0.2196

■ 98.8948, 0.3232,
0.3464

Harmonies

Analogous

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



56.5797, 0.2566, 0.3174



56.5797, 0.2522, 0.2917



56.5797, 0.2628, 0.2776

Triad

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



56.5797, 0.2522, 0.2917



56.5797, 0.3503, 0.3095



56.5797, 0.3369, 0.3870

Complementary

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



56.5797, 0.2522, 0.2917



49.8447, 0.3991, 0.3629

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.



56.5797, 0.3637, 0.3812



56.5797, 0.2522, 0.2917



56.5797, 0.3722, 0.3358

Square

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



56.5797, 0.2522, 0.2917



56.5797, 0.3185, 0.2884



56.5797, 0.3770, 0.3619



56.5797, 0.3044, 0.3751

Rectangle

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



56.5797, 0.2522, 0.2917



56.5797, 0.2775, 0.2756



56.5797, 0.3770, 0.3619



56.5797, 0.3469, 0.3869

Sweetspot

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



56.5819, 0.2522, 0.2917



88.5843, 0.2941, 0.3191



69.4123, 0.2911, 0.4114



18.7103, 0.2920, 0.3179



0.0000, 0.0000, 0.0000



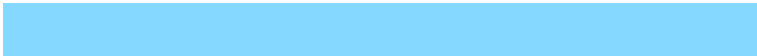
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5819, 0.2522, 0.2917



61.2750, 0.2404, 0.2822



37.1525, 0.2426, 0.2299



16.2650, 0.2981, 0.3213



17.5865, 0.1949, 0.2216



1.5530, 0.1995, 0.2382

Inverse Universe

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



42.1363, 0.3449, 0.2595



42.8825, 0.3545, 0.2453



71.0472, 0.3788, 0.4114



15.2273, 0.3187, 0.3131



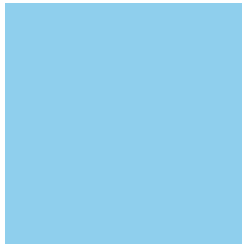
11.2682, 0.4216, 0.2096



0.9022, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 56.5797, 0.2522, 0.2917 looks on a white background.

Color Contrast Check

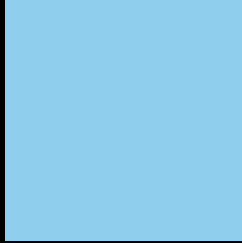
Large Text (above 18pt) WCAG AA × Fail

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 56.5797, 0.2522, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

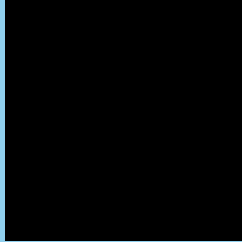
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5797, 0.2522, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 56.5797, 0.2522, 0.2917.



This preview shows how white text looks on a background with the Yxy color 56.5797, 0.2522, 0.2917.

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

56.5797, 0.2522, 0.2917

Protanopia

56.2134, 0.2859, 0.2903

Deuteranopia

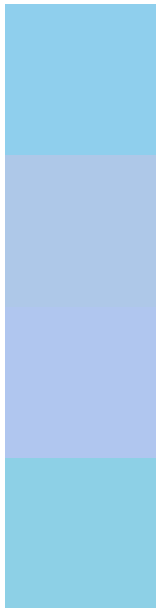
56.0333, 0.2815, 0.2753



Tritanopia

56.6674, 0.2567, 0.3073

Trichromacy



Original Color

56.5797, 0.2522, 0.2917

Protanomaly

56.1334, 0.2726, 0.2905

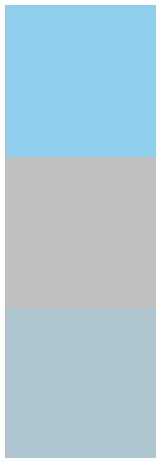
Deuteranomaly

55.8503, 0.2696, 0.2805

Tritanomaly

56.4876, 0.2550, 0.3012

Monochromacy



Original Color

56.5797, 0.2522, 0.2917

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.4852, 0.2876, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5797, 0.2522, 0.2917 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(143, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 237)  
}
```

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(143, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 237) }
```

Border

The CSS property to change the border of an element to Yxy 56.5797, 0.2522, 0.2917 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(143, 207, 237) }
```

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

```
.border{ border-color:rgb(143, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5797, 0.2522, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 237) }
```

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

```
.background{ background-color: rgb(143,  
207, 237) }
```

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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