

Converting Colors

$Y_{xy}(56.8592, 0.2517, 0.2941)$

Have a look what the booklet for
Yxy(56.8592, 0.2517, 0.2941)
contains.

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Color

Yxy(56.8306, 0.2519, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	8DD0EC
RGB	141, 208, 236
RGB Percent	55%, 82%, 93%
CMY	0.4468, 0.1844, 0.0744
CMYK	0.40, 0.12, 0.00, 0.07
HSL	198°, 71%, 74%
HSV	198°, 40%, 93%
XYZ	48.6926, 56.8306, 87.7781
YIQ	191.1590, -48.9200, -5.4960

Conversions

Conversions Part 2

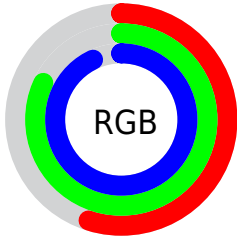
Format	Color
RYB	141, 180, 236
Decimal	9294060
CIELab	80.08, -14.08, -20.48
CIELCh	80, 24.850, 235.492
Yxy	56.8306, 0.2519, 0.2940
Android (android.graphics.Color)	4287484140 (0xFF8DD0EC)
YUV	191.1590, 22.1066, -43.9894
Hunter-Lab	75.3861, -16.6307, -16.2659

Details

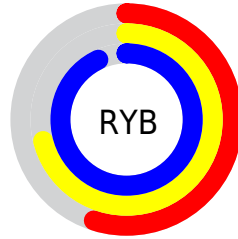
The Yxy color **56.8306, 0.2519, 0.2940** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.1809, 0.4017, 0.3609**, and the grayscale version is **52.0986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **28.3378, 0.2371, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **51.6542, 0.2385, 0.2836**, and if you desaturate by 10%, it is **62.6017, 0.2664, 0.3038**.

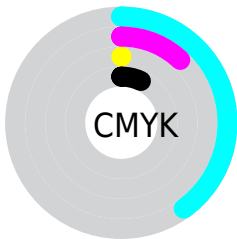
Distribution



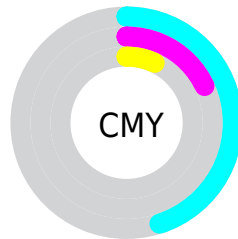
- Red (55%)
- Green (82%)
- Blue (93%)



- Red (55%)
- Yellow (71%)
- Blue (93%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8306, 0.2519, 0.2940 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 56.8306, 0.2519, 0.2940 by changing the saturation by 10% instead.

■ 56.8306, 0.2519,
0.2940

■ 56.8306, 0.2519,
0.2940

■ 412.8142, 0.2806,
0.3113

■ 40.8693, 0.2453,
0.2898

■ 100.2180, 0.2619,
0.3002

■ 28.2169, 0.2370,
0.2844

■ 128.4128, 0.2658,
0.3026

■ 18.4893, 0.2265,
0.2775

■ 161.4542, 0.2691,
0.3046

■ 11.3018, 0.2128,
0.2680

■ 199.7266, 0.2720,
0.3063

■ 6.2702, 0.1941,
0.2545

■ 243.6144, 0.2746,
0.3078

■ 3.0101, 0.1674,
0.2341

■ 293.5021, 0.2768,

■ 1.1370, 0.1265,

0.3091

349.7739, 0.2788,
0.3103

0.2005

0.0093, 0.0000,
0.0061

0.0000, 0.0000,
0.0000

56.8306, 0.2519,
0.2940

56.8306, 0.2519,
0.2940

51.6542, 0.2385,
0.2836

62.6017, 0.2664,
0.3038

47.0357, 0.2264,
0.2727

68.9885, 0.2815,
0.3129

42.9439, 0.2160,
0.2615

76.0188, 0.2969,
0.3213

39.3407, 0.2076,
0.2502

83.7166, 0.3124,
0.3288

■ 36.1813, 0.2012,
0.2390

■ 91.3205, 0.3249,
0.3357

■ 33.4499, 0.1967,
0.2282

■ 95.5679, 0.3243,
0.3424

■ 98.8376, 0.3238,
0.3473

Harmonies

Analogous

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



56.8306, 0.2579, 0.3207



56.8306, 0.2519, 0.2940



56.8306, 0.2609, 0.2785

Triad

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



56.8306, 0.2519, 0.2940



56.8306, 0.3471, 0.3068



56.8306, 0.3403, 0.3872

Complementary

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



56.8306, 0.2519, 0.2940



48.1809, 0.4017, 0.3609

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.



56.8306, 0.3660, 0.3797



56.8306, 0.2519, 0.2940



56.8306, 0.3706, 0.3328

Square

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



56.8306, 0.2519, 0.2940



56.8306, 0.3148, 0.2866



56.8306, 0.3775, 0.3592



56.8306, 0.3080, 0.3773

Rectangle

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



56.8306, 0.2519, 0.2940



56.8306, 0.2747, 0.2755



56.8306, 0.3775, 0.3592



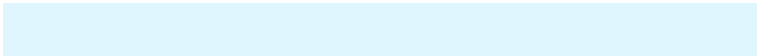
56.8306, 0.3500, 0.3865

Sweetspot

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



56.8328, 0.2519, 0.2940



89.0210, 0.2941, 0.3198



68.5012, 0.2926, 0.4169



18.8134, 0.2921, 0.3187



0.0000, 0.0000, 0.0000



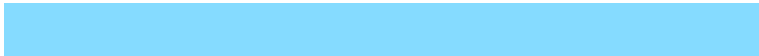
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8328, 0.2519, 0.2940



62.7622, 0.2411, 0.2857



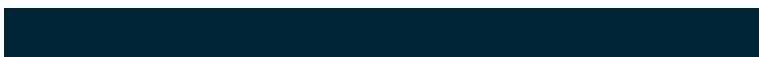
37.4441, 0.2422, 0.2326



16.3270, 0.2981, 0.3219



18.6692, 0.1972, 0.2300



1.6316, 0.2015, 0.2453

Inverse Universe

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



41.4630, 0.3433, 0.2564



43.0326, 0.3516, 0.2427



68.5945, 0.3810, 0.4094



15.2336, 0.3183, 0.3125



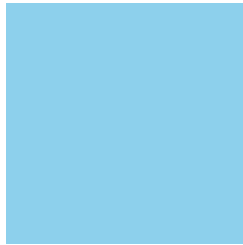
11.3775, 0.4127, 0.2047



0.9101, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 56.8306, 0.2519, 0.2940 looks on a white background.

Color Contrast Check

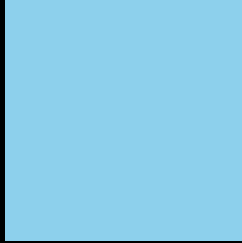
Large Text (above 18pt) WCAG AA × Fail

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 56.8306, 0.2519, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

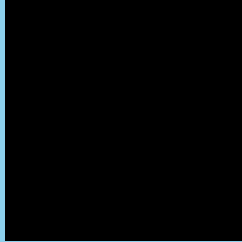
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8306, 0.2519, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 56.8306, 0.2519, 0.2940.



This preview shows how white text looks on a background with the Yxy color 56.8306, 0.2519, 0.2940.

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

56.8306, 0.2519, 0.2940

Protanopia

56.2878, 0.2873, 0.2915

Deuteranopia

56.1077, 0.2828, 0.2764



Tritanopia

56.9874, 0.2558, 0.3085

Trichromacy



Original Color

56.8306, 0.2519, 0.2940

Protanomaly

55.9623, 0.2726, 0.2916

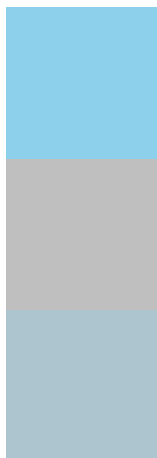
Deuteranomaly

55.7913, 0.2701, 0.2815

Tritanomaly

56.8031, 0.2541, 0.3024

Monochromacy



Original Color

56.8306, 0.2519, 0.2940

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.3217, 0.2875, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8306, 0.2519, 0.2940 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(141, 208, 236)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 236)  
}
```

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(141, 208, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 236) }
```

Border

The CSS property to change the border of an element to Yxy 56.8306, 0.2519, 0.2940 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(141, 208, 236) }
```

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

```
.border{ border-color:rgb(141, 208, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 208, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 208, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 208, 236);  
box-shadow:4px 4px 4px 4px rgb(141, 208,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8306, 0.2519, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 236) }
```

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

```
.background{ background-color: rgb(141,  
208, 236) }
```

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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