

Converting Colors

$Yxy(58.4711, 0.2436, 0.3095)$

Have a look what the booklet for
Yxy(58.4711, 0.2436, 0.3095)
contains.

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Color

Yxy(58.5261, 0.2436, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	73D8E7
RGB	115, 216, 231
RGB Percent	45%, 85%, 91%
CMY	0.5490, 0.1529, 0.0942
CMYK	0.50, 0.06, 0.00, 0.09
HSL	188°, 71%, 68%
HSV	188°, 50%, 91%
XYZ	46.0496, 58.5261, 84.4621
YIQ	187.5110, -65.0110, -16.7470

Conversions

Conversions Part 2

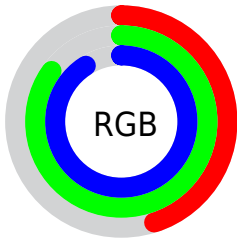
Format	Color
R _{YB}	115, 169, 231
Decimal	7592167
CIE _{Lab}	81.03, -25.53, -16.47
CIE _{LCh}	81, 30.383, 212.830
Y _{xy}	58.5261, 0.2436, 0.3096
Android (android.graphics.Color)	4285782247 (0xFF73D8E7)
YUV	187.5110, 21.4401, -63.5921
Hunter-Lab	76.5024, -26.4333, -11.9072

Details

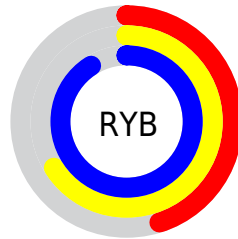
The Yxy color **58.5261, 0.2436, 0.3096** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.1912, 0.4460, 0.3463**, and the grayscale version is **49.9046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **29.2887, 0.2271, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **55.6378, 0.2338, 0.3051**, and if you desaturate by 10%, it is **61.8389, 0.2551, 0.3139**.

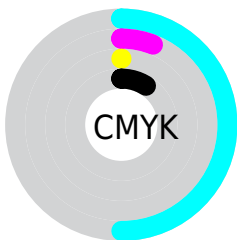
Distribution



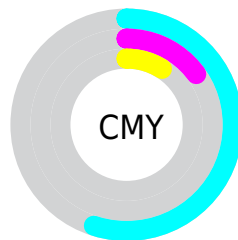
- Red (45%)
- Green (85%)
- Blue (91%)



- Red (45%)
- Yellow (66%)
- Blue (91%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)





- Cyan (55%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5261, 0.2436, 0.3096 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 58.5261, 0.2436, 0.3096 by changing the saturation by 10% instead.

 58.5261, 0.2436,
0.3096


 58.5261, 0.2436,
0.3096


419.1435, 0.2760,
0.3198


 42.2317, 0.2362,
0.3070


 102.6886, 0.2549,
0.3134

 29.2828, 0.2270,
0.3036


 131.3255, 0.2592,
0.3148

 19.2949, 0.2153,
0.2990


 164.8454, 0.2630,
0.3159

 11.8835, 0.2002,
0.2927

203.6327, 0.2663,
0.3169

 6.6644, 0.1797,
0.2832

248.0717, 0.2691,
0.3178

 3.2531, 0.1510,
0.2680

298.5470, 0.2717,

 1.2653, 0.1030,

0.3185

355.4427, 0.2739,
0.3192

0.2425

0.1141, 0.0000,
0.0801

0.0000, 0.0000,
0.0000

58.5261, 0.2436,
0.3096

58.5261, 0.2436,
0.3096

55.6378, 0.2338,
0.3051

61.8389, 0.2551,
0.3139

53.1373, 0.2258,
0.3005


65.5965, 0.2681,
0.3181


50.9926, 0.2197,
0.2960


69.8257, 0.2821,
0.3220


49.1628, 0.2156,
0.2914


74.5491, 0.2970,
0.3256

 47.6080, 0.2131,
0.2870

 79.7879, 0.3124,
0.3289

 85.5620, 0.3280,
0.3319

 87.5379, 0.3287,
0.3349

 89.2798, 0.3283,
0.3378

 91.0506, 0.3280,
0.3407

Harmonies

Analogous

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



58.5261, 0.2636, 0.3476



58.5261, 0.2436, 0.3096



58.5261, 0.2409, 0.2805

Triad

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



58.5261, 0.2436, 0.3096



58.5261, 0.3249, 0.2833



58.5261, 0.3705, 0.3941

Complementary

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



58.5261, 0.2436, 0.3096



34.1912, 0.4460, 0.3463

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.



58.5261, 0.3897, 0.3718



58.5261, 0.2436, 0.3096



58.5261, 0.3628, 0.3094

Square

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



58.5261, 0.2436, 0.3096



58.5261, 0.2858, 0.2678



58.5261, 0.3871, 0.3409



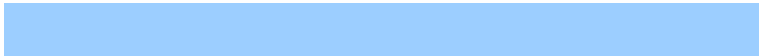
58.5261, 0.3363, 0.3992

Rectangle

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



58.5261, 0.2436, 0.3096



58.5261, 0.2490, 0.2692



58.5261, 0.3871, 0.3409



58.5261, 0.3790, 0.3881

Sweetspot

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



58.5283, 0.2436, 0.3096



90.3403, 0.2897, 0.3239



62.3648, 0.2987, 0.4707



19.0711, 0.2865, 0.3231



0.0000, 0.0000, 0.0000



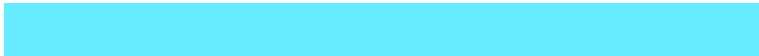
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5283, 0.2436, 0.3096



69.5928, 0.2337, 0.3051



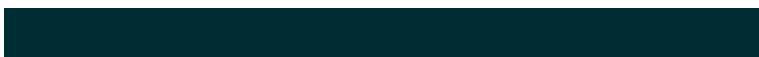
34.3740, 0.2283, 0.2310



16.0019, 0.2982, 0.3259



26.8220, 0.2133, 0.2877



2.0711, 0.2151, 0.2943

Inverse Universe

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



34.2104, 0.3331, 0.2214



36.7742, 0.3382, 0.2038



53.5682, 0.4100, 0.4089



14.5815, 0.3158, 0.3088



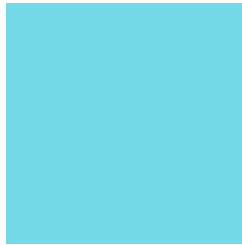
11.9054, 0.3564, 0.1737



0.8888, 0.3504, 0.1704

Previews

White Background



This preview shows how the Yxy color 58.5261, 0.2436, 0.3096 looks on a white background.

Color Contrast Check

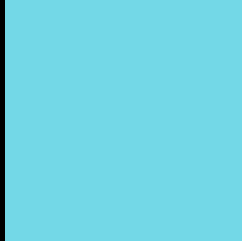
Large Text (above 18pt) WCAG AA × Fail

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 58.5261, 0.2436, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

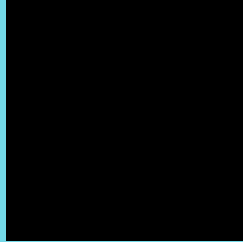
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5261, 0.2436, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 58.5261, 0.2436, 0.3096.

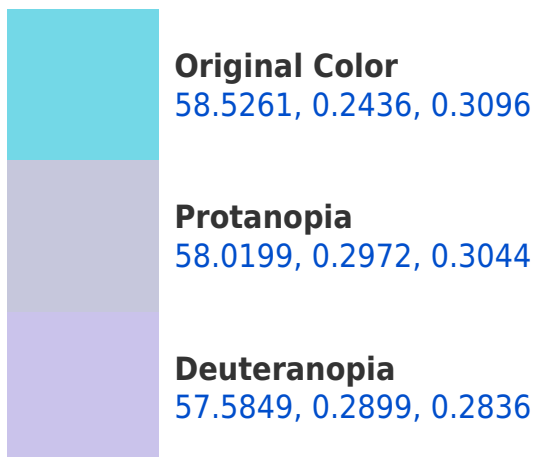


This preview shows how white text looks on a background with the Yxy color 58.5261, 0.2436, 0.3096.

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

58.7079, 0.2431, 0.3071

Trichromacy



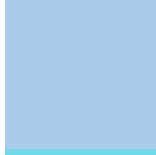
Original Color

58.5261, 0.2436, 0.3096



Protanomaly

57.3693, 0.2740, 0.3057



Deuteranomaly

57.1984, 0.2692, 0.2917



Tritanomaly

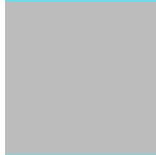
58.6509, 0.2436, 0.3084

Monochromacy



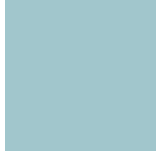
Original Color

58.5261, 0.2436, 0.3096



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.3249, 0.2810, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5261, 0.2436, 0.3096 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(115, 216, 231)` looks like.

```
.text, #text, p{  
    color:rgb(115, 216, 231)  
}
```

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(115, 216, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 216, 231) }
```

Border

The CSS property to change the border of an element to Yxy 58.5261, 0.2436, 0.3096 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(115, 216, 231) }
```

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

```
.border{ border-color:rgb(115, 216, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 216, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 216, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 216, 231);  
box-shadow:4px 4px 4px 4px rgb(115, 216,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5261, 0.2436, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 216, 231) }
```

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

```
.background{ background-color: rgb(115,  
216, 231) }
```

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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