

Converting Colors

$Yxy(51.5317, 0.2315, 0.2926)$

Have a look what the booklet for
Yxy(51.5317, 0.2315, 0.2926)
contains.

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Color

Yxy(51.3916, 0.2313, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	5ECCE8
RGB	94, 204, 232
RGB Percent	37%, 80%, 91%
CMY	0.6313, 0.2000, 0.0901
CMYK	0.59, 0.12, 0.00, 0.09
HSL	192°, 75%, 64%
HSV	192°, 59%, 91%
XYZ	40.7783, 51.3916, 84.1306
YIQ	174.3020, -74.5480, -14.6120

Conversions

Conversions Part 2

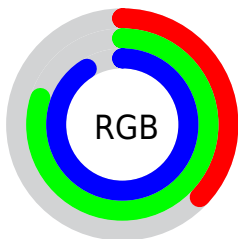
Format	Color
RYB	94, 155, 232
Decimal	6212840
CIELab	76.92, -23.39, -23.33
CIElCh	77, 33.032, 224.922
Yxy	51.3916, 0.2313, 0.2915
Android (android.graphics.Color)	4284402920 (0xFF5ECCE8)
YUV	174.3020, 28.4451, -70.4249
Hunter-Lab	71.6879, -23.9176, -19.3992

Details

The Yxy color **51.3916, 0.2313, 0.2915** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **31.8996, 0.4766, 0.3596**, and the grayscale version is **42.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7086, 0.2583, 0.3288**, and **24.9473, 0.2116, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **48.1392, 0.2221, 0.2841**, and if you desaturate by 10%, it is **55.0841, 0.2422, 0.2987**.

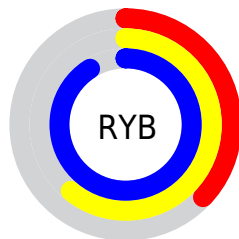
Distribution



Red (37%)

Green (80%)

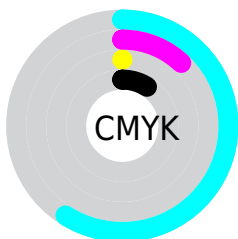
Blue (91%)



Red (37%)

Yellow (61%)

Blue (91%)

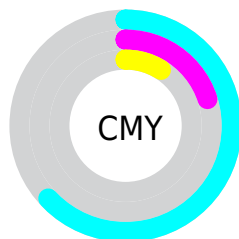


Cyan (59%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (63%)


Magenta (20%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3916, 0.2313, 0.2915 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 51.3916, 0.2313, 0.2915 by changing the saturation by 10% instead.

 51.3916, 0.2313,
0.2915

 51.3916, 0.2313,
0.2915


392.0833, 0.2699,
0.3108

 36.5204, 0.2223,
0.2866


 92.2334, 0.2448,
0.2986


 24.8363, 0.2112,
0.2803


 118.9727, 0.2501,
0.3013

 15.9552, 0.1971,
0.2719

 150.4368, 0.2545,
0.3035

 9.4924, 0.1788,
0.2602

 187.0101, 0.2584,
0.3054

 5.0637, 0.1541,
0.2433

229.0770, 0.2618,
0.3070

 2.2847, 0.1200,
0.2168

277.0219, 0.2649,

 0.7656, 0.0365,

0.3085

0.1781

331.2292, 0.2675,
0.3097

■ 0.0000, 0.0000,
0.0000

■ 51.3916, 0.2313,
0.2915

■ 51.3916, 0.2313,
0.2915

■ 48.1392, 0.2221,
0.2841

■ 55.0841, 0.2422,
0.2987

■ 45.2865, 0.2149,
0.2766

■ 59.2416, 0.2547,
0.3057

■ 42.7943, 0.2097,
0.2692

■ 63.8934, 0.2684,
0.3123

■ 40.5963, 0.2061,
0.2618

■ 69.0647, 0.2829,
0.3184

■ 40.4851, 0.2060,
0.2614

■ 74.7786, 0.2981,
0.3241

81.0569, 0.3135,
0.3293

87.6455, 0.3280,
0.3339

90.4098, 0.3275,
0.3385

93.2463, 0.3270,
0.3431

Harmonies

Analogous

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



51.3916, 0.2459, 0.3320



51.3916, 0.2313, 0.2915



51.3916, 0.2364, 0.2654

Triad

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



51.3916, 0.2313, 0.2915



51.3916, 0.3447, 0.2882



51.3916, 0.3637, 0.4081

Complementary

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



51.3916, 0.2313, 0.2915



31.8996, 0.4766, 0.3596

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.



51.3916, 0.3938, 0.3888



51.3916, 0.2313, 0.2915



51.3916, 0.3833, 0.3204

Square

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



51.3916, 0.2313, 0.2915



51.3916, 0.2992, 0.2656



51.3916, 0.4016, 0.3564



51.3916, 0.3211, 0.4045

Rectangle

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



51.3916, 0.2313, 0.2915



51.3916, 0.2503, 0.2579



51.3916, 0.4016, 0.3564



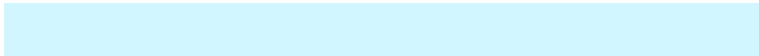
51.3916, 0.3757, 0.4038

Sweetspot

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



51.3935, 0.2313, 0.2915



86.5061, 0.2850, 0.3192



61.5032, 0.2918, 0.4855



18.0943, 0.2807, 0.3175



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.



51.3935, 0.2313, 0.2915



58.9372, 0.2206, 0.2827



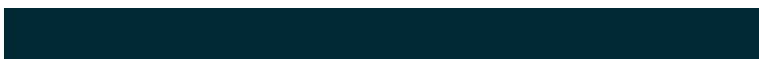
25.6552, 0.2092, 0.1923



15.8131, 0.2981, 0.3241



22.6550, 0.2063, 0.2626



1.8003, 0.2093, 0.2734

Inverse Universe

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



29.5291, 0.3492, 0.2140



31.2250, 0.3587, 0.1987



55.0660, 0.4230, 0.4325



14.5624, 0.3169, 0.3105



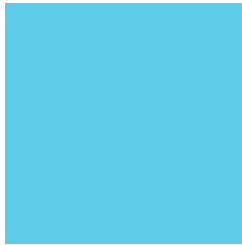
11.4847, 0.3799, 0.1866



0.8614, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 51.3916, 0.2313, 0.2915 looks on a white background.

Color Contrast Check

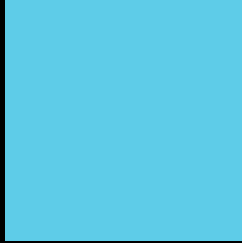
Large Text (above 18pt) WCAG AA × Fail

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 51.3916, 0.2313, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

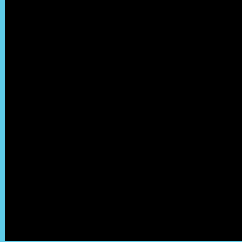
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3916, 0.2313, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 51.3916, 0.2313, 0.2915.



This preview shows how white text looks on a background with the Yxy color 51.3916, 0.2313, 0.2915.

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

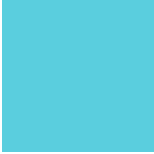
51.3916, 0.2313, 0.2915

Protanopia

50.7062, 0.2841, 0.2875

Deuteranopia

50.6991, 0.2741, 0.2684



Tritanopia

51.5902, 0.2349, 0.3070

Trichromacy



Original Color

51.3916, 0.2313, 0.2915

Protanomaly

50.0602, 0.2603, 0.2880

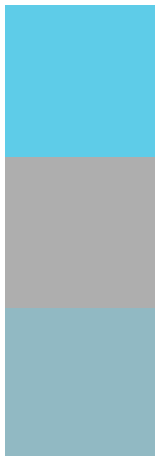
Deuteranomaly

50.1815, 0.2545, 0.2751

Tritanomaly

51.3778, 0.2332, 0.3004

Monochromacy



Original Color

51.3916, 0.2313, 0.2915

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

44.6578, 0.2743, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3916, 0.2313, 0.2915 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(94, 204, 232)` looks like.

```
.text, #text, p{  
    color:rgb(94, 204, 232)  
}
```

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(94, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 204, 232) }
```

Border

The CSS property to change the border of an element to Yxy 51.3916, 0.2313, 0.2915 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(94, 204, 232) }
```

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

```
.border{ border-color:rgb(94, 204, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 204, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 204, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 204, 232);  
box-shadow:4px 4px 4px 4px rgb(94, 204,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3916, 0.2313, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 204, 232) }
```

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

```
.background{ background-color: rgb(94, 204,  
232) }
```

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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