

Converting Colors

$Y_{xy}(39.7748, 0.2512, 0.3000)$

Have a look what the booklet for
Yxy(39.7748, 0.2512, 0.3000)
contains.

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Color

Yxy(39.9623, 0.2515, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	73B3C6
RGB	115, 179, 198
RGB Percent	45%, 70%, 78%
CMY	0.5492, 0.2980, 0.2235
CMYK	0.42, 0.10, 0.00, 0.22
HSL	194°, 42%, 61%
HSV	194°, 42%, 78%
XYZ	33.3793, 39.9623, 59.3794
YIQ	162.0300, -44.2430, -7.6590

Conversions

Conversions Part 2

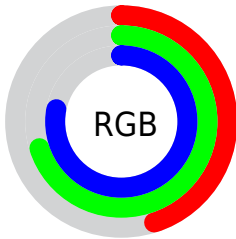
Format	Color
R _Y B	115, 151, 198
Decimal	7582662
CIE Lab	69.44, -15.52, -16.09
CIE LCh	69, 22.356, 226.018
Yxy	39.9623, 0.2515, 0.3011
Android (android.graphics.Color)	4285772742 (0xFF73B3C6)
YUV	162.0300, 17.7332, -41.2453
Hunter-Lab	63.2157, -16.3755, -11.4409

Details

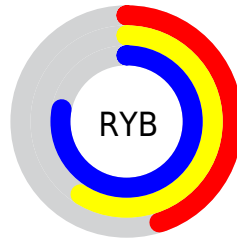
The Yxy color **39.9623, 0.2515, 0.3011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.2799, 0.4087, 0.3546**, and the grayscale version is **36.0741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1827, 0.2623, 0.3066**, and **17.8960, 0.2341, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **36.9776, 0.2391, 0.2932**, and if you desaturate by 10%, it is **43.2979, 0.2651, 0.3086**.

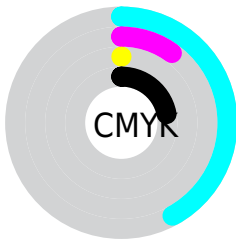
Distribution



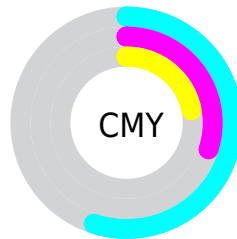
- Red (45%)
- Green (70%)
- Blue (78%)



- Red (45%)
- Yellow (59%)
- Blue (78%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)





- Cyan (55%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9623, 0.2515, 0.3011 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 39.9623, 0.2515, 0.3011 by changing the saturation by 10% instead.


 39.9623, 0.2515,
0.3011


 39.9623, 0.2515,
0.3011


345.9646, 0.2822,
0.3159

 27.5092, 0.2439,
0.2971


 75.1061, 0.2626,
0.3067

 17.9560, 0.2341,
0.2919


 98.5655, 0.2668,
0.3087

 10.9184, 0.2212,
0.2846


 126.4625, 0.2704,
0.3104

 6.0120, 0.2033,
0.2741

159.1815, 0.2734,
0.3119

 2.8524, 0.1774,
0.2575

197.1068, 0.2760,
0.3131

 1.0551, 0.1335,
0.2292

240.6228, 0.2783,

 0.0000, 0.0000,

0.3142

0.0000

290.1140, 0.2804,
0.3151

■ 39.9623, 0.2515,
0.3011

■ 39.9623, 0.2515,
0.3011

■ 36.9776, 0.2391,
0.2932

■ 43.2979, 0.2651,
0.3086

■ 34.3200, 0.2283,
0.2850

■ 46.9974, 0.2795,
0.3156

■ 31.9697, 0.2192,
0.2766

■ 51.0785, 0.2945,
0.3220

■ 29.9021, 0.2120,
0.2682

■ 55.5562, 0.3098,
0.3279

■ 28.0883, 0.2068,
0.2598

■ 60.4450, 0.3250,
0.3332

■ 26.7679, 0.2036,
0.2531

■ 65.7582, 0.3401,
0.3380

■ 71.5085, 0.3548,
0.3422

■ 74.0576, 0.3549,
0.3467

■ 76.3990, 0.3539,
0.3513

Harmonies

Analogous

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



39.9623, 0.2624, 0.3306



39.9623, 0.2515, 0.3011



39.9623, 0.2559, 0.2814

Triad

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



39.9623, 0.2515, 0.3011



39.9623, 0.3377, 0.2993



39.9623, 0.3499, 0.3873

Complementary

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



39.9623, 0.2515, 0.3011



30.2799, 0.4087, 0.3546

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.



39.9623, 0.3721, 0.3748



39.9623, 0.2515, 0.3011



39.9623, 0.3653, 0.3242

Square

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



39.9623, 0.2515, 0.3011



39.9623, 0.3043, 0.2816



39.9623, 0.3781, 0.3514



39.9623, 0.3184, 0.3830

Rectangle

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



39.9623, 0.2515, 0.3011



39.9623, 0.2670, 0.2756



39.9623, 0.3781, 0.3514



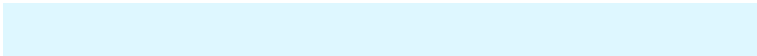
39.9623, 0.3588, 0.3848

Sweetspot

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



39.9638, 0.2515, 0.3011



89.5040, 0.2926, 0.3213



45.7226, 0.2955, 0.4291



18.8023, 0.2892, 0.3198



0.0000, 0.0000, 0.0000



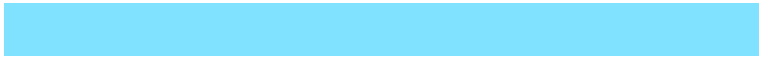
21.4041, 0.3127, 0.3290

Same Dimension

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



39.9638, 0.2515, 0.3011



66.0774, 0.2405, 0.2942



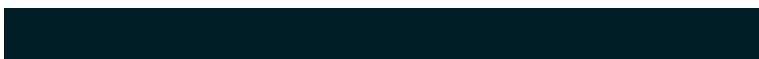
26.0376, 0.2412, 0.2378



11.6403, 0.2984, 0.3236



17.5420, 0.2040, 0.2542



0.9342, 0.2088, 0.2716

Inverse Universe

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



27.5139, 0.3382, 0.2478



42.0505, 0.3453, 0.2319



43.6978, 0.3861, 0.4055



10.7735, 0.3172, 0.3114



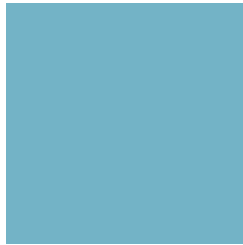
9.3109, 0.3881, 0.1911



0.4513, 0.3713, 0.1819

Previews

White Background



This preview shows how the Yxy color 39.9623, 0.2515, 0.3011 looks on a white background.

Color Contrast Check

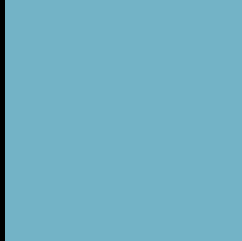
Large Text (above 18pt) WCAG AA × Fail

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 39.9623, 0.2515, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

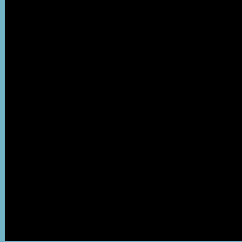
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

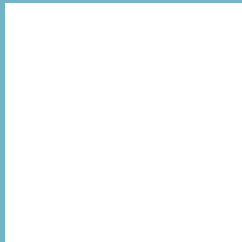
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9623, 0.2515, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 39.9623, 0.2515, 0.3011.



This preview shows how white text looks on a background with the Yxy color 39.9623, 0.2515, 0.3011.

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

39.9623, 0.2515, 0.3011

Protanopia

39.7662, 0.2913, 0.2976

Deuteranopia

39.6734, 0.2877, 0.2813



Tritanopia

40.1150, 0.2535, 0.3082

Trichromacy



Original Color

39.9623, 0.2515, 0.3011

Protanomaly

39.6031, 0.2748, 0.2980

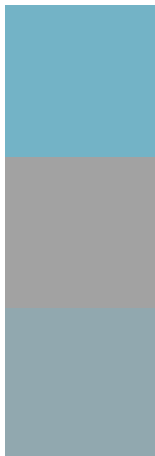
Deuteranomaly

39.4036, 0.2727, 0.2875

Tritanomaly

40.1601, 0.2529, 0.3068

Monochromacy



Original Color

39.9623, 0.2515, 0.3011

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1202, 0.2868, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9623, 0.2515, 0.3011 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, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(115, 179, 198)  
}
```

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, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 179, 198) }
```

Border

The CSS property to change the border of an element to Yxy 39.9623, 0.2515, 0.3011 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, 179, 198) }
```

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

```
.border{ border-color:rgb(115, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(115, 179,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9623, 0.2515, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 179, 198) }
```

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

```
.background{ background-color: rgb(115,  
179, 198) }
```

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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