

Converting Colors

$Yxy(39.3861, 0.2461, 0.2894)$

Have a look what the booklet for
Yxy(39.3861, 0.2461, 0.2894)
contains.

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Color

Yxy(39.3146, 0.2464, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	71B1CC
RGB	113, 177, 204
RGB Percent	44%, 69%, 80%
CMY	0.5566, 0.3059, 0.2000
CMYK	0.45, 0.13, 0.00, 0.20
HSL	198°, 47%, 62%
HSV	198°, 45%, 80%
XYZ	33.4384, 39.3146, 62.9549
YIQ	160.9420, -46.8110, -5.1710

Conversions

Conversions Part 2

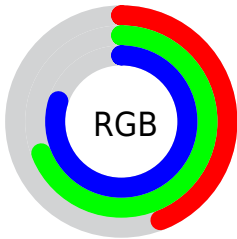
Format	Color
RYB	113, 151, 204
Decimal	7451084
CIELab	68.98, -13.32, -20.10
CIElCh	69, 24.113, 236.480
Yxy	39.3146, 0.2464, 0.2897
Android (android.graphics.Color)	4285641164 (0xFF71B1CC)
YUV	160.9420, 21.2276, -42.0451
Hunter-Lab	62.7014, -14.5339, -15.6388

Details

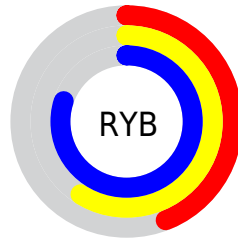
The Yxy color **39.3146, 0.2464, 0.2897** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **32.8144, 0.4137, 0.3642**, and the grayscale version is **35.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9328, 0.2615, 0.3042**, and **17.4872, 0.2273, 0.2760** is the 20% darker color. If you saturate the color by 10%, you get **35.7694, 0.2335, 0.2791**, and if you desaturate by 10%, it is **43.2734, 0.2604, 0.2997**.

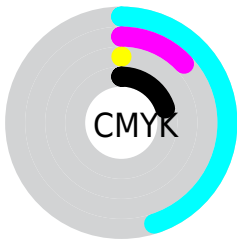
Distribution



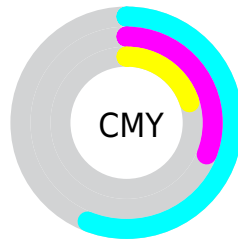
- Red (44%)
- Green (69%)
- Blue (80%)



- Red (44%)
- Yellow (59%)
- Blue (80%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3146, 0.2464, 0.2897 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 39.3146, 0.2464, 0.2897 by changing the saturation by 10% instead.

■ 39.3146, 0.2464,
0.2897

■ 39.3146, 0.2464,
0.2897

■ 343.2262, 0.2796,
0.3103

■ 27.0046, 0.2382,
0.2843

■ 74.1187, 0.2584,
0.2974

■ 17.5766, 0.2276,
0.2772

■ 97.3815, 0.2630,
0.3002

■ 10.6465, 0.2138,
0.2675

■ 125.0640, 0.2668,
0.3026

■ 5.8296, 0.1948,
0.2537

■ 157.5507, 0.2701,
0.3046

■ 2.7418, 0.1674,
0.2325

■ 195.2258, 0.2730,
0.3064

■ 0.9985, 0.1227,
0.1978

■ 238.4738, 0.2755,

■ 0.0000, 0.0000,

0.3079

0.0000

287.6792, 0.2777,
0.3092

■ 39.3146, 0.2464,
0.2897

■ 39.3146, 0.2464,
0.2897

■ 35.7694, 0.2335,
0.2791

■ 43.2734, 0.2604,
0.2997

■ 32.6112, 0.2222,
0.2681

■ 47.6612, 0.2752,
0.3091

■ 29.8169, 0.2126,
0.2569

■ 52.4981, 0.2904,
0.3178

■ 27.3584, 0.2049,
0.2456

■ 57.8013, 0.3057,
0.3257

■ 25.2016, 0.1993,
0.2345

■ 63.5871, 0.3210,
0.3328

■ 24.1241, 0.1968,
0.2285

■ 69.8709, 0.3359,
0.3391

■ 76.5002, 0.3496,
0.3448

■ 79.7284, 0.3485,
0.3508

■ 83.0730, 0.3473,
0.3568

Harmonies

Analogous

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



39.3146, 0.2524, 0.3186



39.3146, 0.2464, 0.2897



39.3146, 0.2567, 0.2734

Triad

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



39.3146, 0.2464, 0.2897



39.3146, 0.3515, 0.3056



39.3146, 0.3416, 0.3930

Complementary

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



39.3146, 0.2464, 0.2897



32.8144, 0.4137, 0.3642

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.



39.3146, 0.3704, 0.3850



39.3146, 0.2464, 0.2897



39.3146, 0.3768, 0.3339

Square

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



39.3146, 0.2464, 0.2897



39.3146, 0.3161, 0.2834



39.3146, 0.3837, 0.3627



39.3146, 0.3062, 0.3816

Rectangle

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



39.3146, 0.2464, 0.2897



39.3146, 0.2719, 0.2707



39.3146, 0.3837, 0.3627



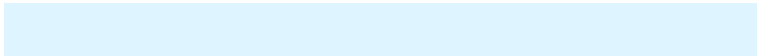
39.3146, 0.3524, 0.3924

Sweetspot

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



39.3161, 0.2464, 0.2897



88.1224, 0.2925, 0.3189



48.5630, 0.2910, 0.4274



18.4592, 0.2891, 0.3171



0.0000, 0.0000, 0.0000



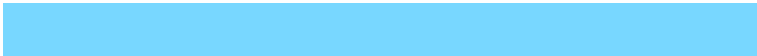
21.4041, 0.3127, 0.3290

Same Dimension

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



39.3161, 0.2464, 0.2897



59.7260, 0.2346, 0.2801



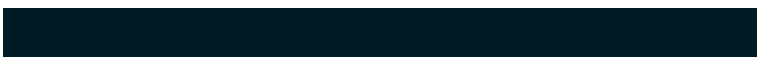
24.5897, 0.2346, 0.2212



12.1423, 0.2983, 0.3220



15.3521, 0.1972, 0.2300



0.9202, 0.2032, 0.2516

Inverse Universe

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



27.8391, 0.3475, 0.2497



39.5554, 0.3574, 0.2349



48.4391, 0.3882, 0.4170



11.3447, 0.3182, 0.3128



9.3528, 0.4126, 0.2047



0.4954, 0.3906, 0.1925

Previews

White Background



This preview shows how the Yxy color 39.3146, 0.2464, 0.2897 looks on a white background.

Color Contrast Check

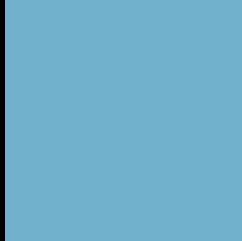
Large Text (above 18pt) WCAG AA × Fail

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 39.3146, 0.2464, 0.2897 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 39.3146, 0.2464, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 39.3146, 0.2464, 0.2897.



This preview shows how white text looks on a background with the Yxy color 39.3146, 0.2464, 0.2897.

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

39.3146, 0.2464, 0.2897

Protanopia

38.9850, 0.2841, 0.2868

Deuteranopia

38.9484, 0.2782, 0.2719



Tritanopia

39.4055, 0.2515, 0.3080

Trichromacy



Original Color

39.3146, 0.2464, 0.2897

Protanomaly

38.8489, 0.2681, 0.2870

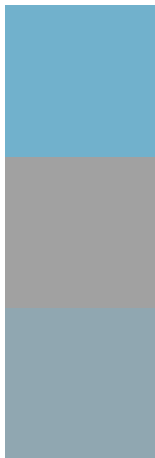
Deuteranomaly

38.8519, 0.2647, 0.2779

Tritanomaly

39.2515, 0.2495, 0.3008

Monochromacy



Original Color

39.3146, 0.2464, 0.2897

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.7410, 0.2844, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3146, 0.2464, 0.2897 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(113, 177, 204)` looks like.

```
.text, #text, p{  
    color:rgb(113, 177, 204)  
}
```

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(113, 177, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 177, 204) }
```

Border

The CSS property to change the border of an element to Yxy 39.3146, 0.2464, 0.2897 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(113, 177, 204) }
```

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

```
.border{ border-color:rgb(113, 177, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 177, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 177, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 177, 204);  
box-shadow:4px 4px 4px 4px rgb(113, 177,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3146, 0.2464, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 177, 204) }
```

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

```
.background{ background-color: rgb(113,  
177, 204) }
```

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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