

Converting Colors

$Yxy(37.6413, 0.2548, 0.2886)$

Have a look what the booklet for
Yxy(37.6413, 0.2548, 0.2886)
contains.

| | |
|---|----|
| Yxy(37.5344, 0.2548, 0.2882) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(37.5344, 0.2548, 0.2882)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7CABC7 |
| RGB | 124, 171, 199 |
| RGB Percent | 49%, 67%, 78% |
| CMY | 0.5136, 0.3294, 0.2197 |
| CMYK | 0.38, 0.14, 0.00, 0.22 |
| HSL | 202°, 40%, 63% |
| HSV | 202°, 38%, 78% |
| XYZ | 33.1845, 37.5344, 59.5185 |
| YIQ | 160.1390, -37.0000, -1.2560 |

Conversions

Conversions Part 2

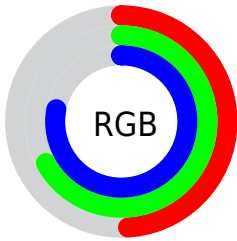
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 153, 199 |
| Decimal | 8170439 |
| CIELab | 67.68, -8.60, -19.26 |
| CIELCh | 68, 21.091, 245.944 |
| Yxy | 37.5344, 0.2548, 0.2882 |
| Android (android.graphics.Color) | 4286360519 (0xFF7CABC7) |
| YUV | 160.1390, 19.1585, -31.6939 |
| Hunter-Lab | 61.2653, -10.5295, -14.7137 |

Details

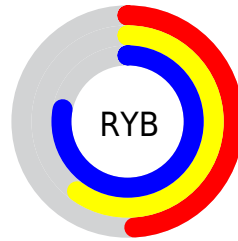
The Yxy color **37.5344, 0.2548, 0.2882** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.0544, 0.3901, 0.3661**, and the grayscale version is **35.1464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1964, 0.2660, 0.2966**, and **16.5776, 0.2380, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **33.4717, 0.2403, 0.2752**, and if you desaturate by 10%, it is **42.0569, 0.2700, 0.3004**.

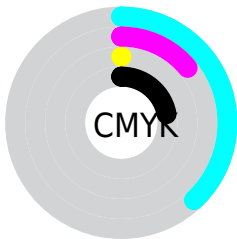
Distribution



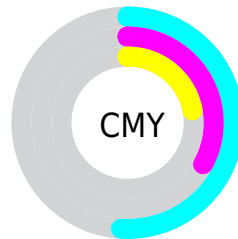
- Red (49%)
- Green (67%)
- Blue (78%)



- Red (49%)
- Yellow (60%)
- Blue (78%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)




- Cyan (51%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5344, 0.2548, 0.2882 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 37.5344, 0.2548, 0.2882 by changing the saturation by 10% instead.


 37.5344, 0.2548,
0.2882

 37.5344, 0.2548,
0.2882


335.6184, 0.2842,
0.3095

 25.6215, 0.2474,
0.2826


 71.3939, 0.2655,
0.2961

 16.5407, 0.2379,
0.2753


 94.1094, 0.2696,
0.2991

 9.9076, 0.2251,
0.2654


 121.1945, 0.2729,
0.3015

 5.3377, 0.2074,
0.2511

153.0336, 0.2758,
0.3036

 2.4467, 0.1814,
0.2292

190.0112, 0.2783,
0.3054

 0.8498, 0.1359,
0.1932

232.5116, 0.2805,

 0.0000, 0.0000,

0.3069

0.0000

280.9192, 0.2825,
0.3083

■ 37.5344, 0.2548,
0.2882

■ 37.5344, 0.2548,
0.2882

■ 33.4717, 0.2403,
0.2752

■ 42.0569, 0.2700,
0.3004

■ 29.8436, 0.2268,
0.2614

■ 47.0540, 0.2855,
0.3116

■ 26.6291, 0.2149,
0.2472

■ 52.5447, 0.3010,
0.3218

■ 23.8028, 0.2047,
0.2328

■ 58.5461, 0.3162,
0.3311

■ 21.3352, 0.1966,
0.2184

■ 65.0737, 0.3310,
0.3393

■ 19.1852, 0.1905,
0.2044

■ 72.1429, 0.3452,
0.3466

■ 18.7149, 0.1892,
0.2012

■ 78.1572, 0.3525,
0.3535

■ 82.2140, 0.3509,
0.3608

■ 86.4472, 0.3494,
0.3680

Harmonies

Analogous

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



37.5344, 0.2556, 0.3110



37.5344, 0.2548, 0.2882



37.5344, 0.2685, 0.2775

Triad

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



37.5344, 0.2548, 0.2882



37.5344, 0.3557, 0.3158



37.5344, 0.3289, 0.3843

Complementary

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



37.5344, 0.2548, 0.2882



36.0544, 0.3901, 0.3661

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.



37.5344, 0.3572, 0.3827



37.5344, 0.2548, 0.2882



37.5344, 0.3735, 0.3420

Square

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



37.5344, 0.2548, 0.2882



37.5344, 0.3262, 0.2936



37.5344, 0.3739, 0.3665



37.5344, 0.2973, 0.3688

Rectangle

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



37.5344, 0.2548, 0.2882



37.5344, 0.2846, 0.2776



37.5344, 0.3739, 0.3665



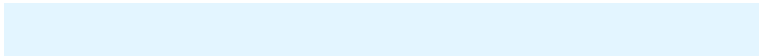
37.5344, 0.3392, 0.3857

Sweetspot

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



37.5359, 0.2548, 0.2882



88.5628, 0.2956, 0.3184



47.3774, 0.2898, 0.3996



18.6708, 0.2935, 0.3170



0.0000, 0.0000, 0.0000



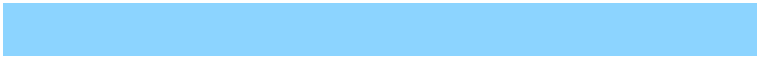
21.4041, 0.3127, 0.3290

Same Dimension

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



37.5359, 0.2548, 0.2882



59.9859, 0.2431, 0.2778



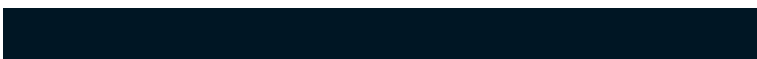
25.4648, 0.2465, 0.2312



11.3763, 0.2984, 0.3202



12.2088, 0.1898, 0.2031



0.7137, 0.1979, 0.2323

Inverse Universe

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



29.5014, 0.3470, 0.2686



44.8510, 0.3571, 0.2560



49.9865, 0.3729, 0.4107



10.7469, 0.3194, 0.3146



8.7725, 0.4418, 0.2207



0.4291, 0.4102, 0.2034

Previews

White Background



This preview shows how the Yxy color 37.5344, 0.2548, 0.2882 looks on a white background.

Color Contrast Check

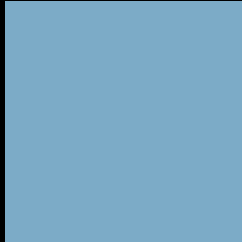
Large Text (above 18pt) WCAG AA × Fail

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 37.5344, 0.2548, 0.2882 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

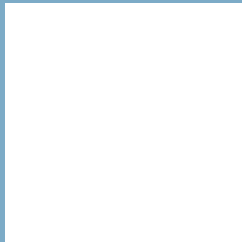
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.5344, 0.2548, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 37.5344, 0.2548, 0.2882.



This preview shows how white text looks on a background with the Yxy color 37.5344, 0.2548, 0.2882.

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

37.5344, 0.2548, 0.2882

Protanopia

37.3137, 0.2836, 0.2874

Deuteranopia

37.3882, 0.2807, 0.2748



Tritanopia

37.5399, 0.2608, 0.3079

Trichromacy



Original Color

37.5344, 0.2548, 0.2882

Protanomaly

37.3236, 0.2726, 0.2879

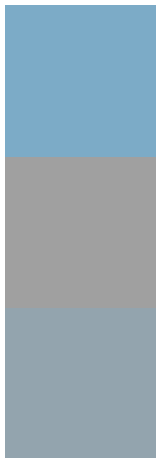
Deuteranomaly

37.3763, 0.2705, 0.2801

Tritanomaly

37.4042, 0.2587, 0.3007

Monochromacy



Original Color

37.5344, 0.2548, 0.2882

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.8100, 0.2891, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5344, 0.2548, 0.2882 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(124, 171, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 171, 199)  
}
```

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(124, 171, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 171, 199) }
```

Border

The CSS property to change the border of an element to Yxy 37.5344, 0.2548, 0.2882 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(124, 171, 199) }
```

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

```
.border{ border-color:rgb(124, 171, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 171, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 171, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 171, 199);  
box-shadow:4px 4px 4px 4px rgb(124, 171,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5344, 0.2548, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 171, 199) }
```

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

```
.background{ background-color: rgb(124,  
171, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor