

Converting Colors

Yxy(37.4652, 0.2791, 0.2808)

Have a look what the booklet for
Yxy(37.4652, 0.2791, 0.2808)
contains.

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Color

Yxy(37.4397, 0.2790, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	9DA3C6
RGB	157, 163, 198
RGB Percent	62%, 64%, 78%
CMY	0.3842, 0.3608, 0.2235
CMYK	0.21, 0.18, 0.00, 0.22
HSL	231°, 26%, 70%
HSV	231°, 21%, 78%
XYZ	37.1997, 37.4397, 58.6929
YIQ	165.1960, -14.8110, 9.6130

Conversions

Conversions Part 2

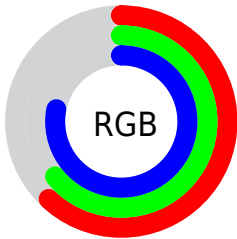
Format	Color
R _{YB}	157, 162, 198
Decimal	10331078
CIE Lab	67.61, 5.37, -18.62
CIE LCh	68, 19.380, 286.084
Yxy	37.4397, 0.2790, 0.2808
Android (android.graphics.Color)	4288521158 (0xFF9DA3C6)
YUV	165.1960, 16.1724, -7.1879
Hunter-Lab	61.1880, 1.4414, -14.0407

Details

The Yxy color **37.4397, 0.2790, 0.2808** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.1597, 0.3450, 0.3730**, and the grayscale version is **37.6551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3599, 0.2853, 0.2897**, and **16.3858, 0.2685, 0.2660** is the 20% darker color. If you saturate the color by 10%, you get **29.9962, 0.2604, 0.2533**, and if you desaturate by 10%, it is **46.0129, 0.2962, 0.3056**.

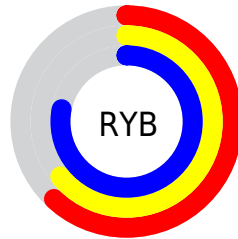
Distribution



Red (62%)

Green (64%)

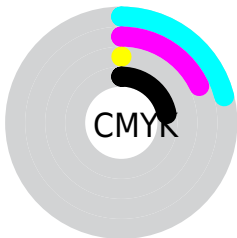
Blue (78%)



Red (62%)

Yellow (64%)

Blue (78%)

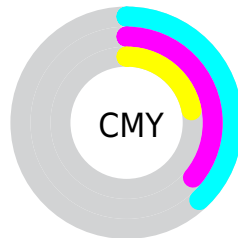


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4397, 0.2790, 0.2808 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 37.4397, 0.2790, 0.2808 by changing the saturation by 10% instead.

■ 37.4397, 0.2790,
0.2808

■ 37.4397, 0.2790,
0.2808

■ 335.2103, 0.2964,
0.3052

■ 25.5481, 0.2745,
0.2746

■ 71.2485, 0.2855,
0.2898

■ 16.4859, 0.2686,
0.2666

■ 93.9346, 0.2878,
0.2931

■ 9.8686, 0.2606,
0.2560

■ 120.9875, 0.2898,
0.2959

■ 5.3119, 0.2493,
0.2410

■ 152.7918, 0.2915,
0.2983

■ 2.4314, 0.2319,
0.2187

■ 189.7319, 0.2930,
0.3004

■ 0.8420, 0.2024,
0.1823

■ 232.1920, 0.2943,

■ 0.0000, 0.0000,

0.3022

0.0000

280.5567, 0.2954,
0.3038

■ 37.4397, 0.2790,
0.2808

■ 37.4397, 0.2790,
0.2808

■ 29.9962, 0.2604,
0.2533

■ 46.0129, 0.2962,
0.3056

■ 23.6306, 0.2408,
0.2235

■ 55.7556, 0.3117,
0.3276

■ 18.2938, 0.2208,
0.1923

■ 66.7114, 0.3256,
0.3468

■ 13.9312, 0.2015,
0.1609

■ 78.9201, 0.3379,
0.3636

■ 10.4829, 0.1840,
0.1313

■ 92.2227, 0.3481,
0.3782

■ 7.8822, 0.1696,
0.1053

■ 96.8573, 0.3466,
0.3850

■ 6.0531, 0.1592,
0.0848

■ 4.9464, 0.1531,
0.0713

Harmonies

Analogous

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



37.4397, 0.2621, 0.2868



37.4397, 0.2790, 0.2808



37.4397, 0.3054, 0.2867

Triad

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



37.4397, 0.2790, 0.2808



37.4397, 0.3705, 0.3493



37.4397, 0.2895, 0.3577

Complementary

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



37.4397, 0.2790, 0.2808



52.1597, 0.3450, 0.3730

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.



37.4397, 0.3179, 0.3765



37.4397, 0.2790, 0.2808



37.4397, 0.3654, 0.3699

Square

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



37.4397, 0.2790, 0.2808



37.4397, 0.3593, 0.3250



37.4397, 0.3458, 0.3806



37.4397, 0.2679, 0.3305

Rectangle

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



37.4397, 0.2790, 0.2808



37.4397, 0.3253, 0.2963



37.4397, 0.3458, 0.3806



37.4397, 0.2985, 0.3653

Sweetspot

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



37.4412, 0.2790, 0.2808



89.1528, 0.3035, 0.3161



51.3603, 0.2862, 0.3371



18.8398, 0.3025, 0.3146



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.



37.4412, 0.2790, 0.2808



59.8803, 0.2704, 0.2682



36.9029, 0.2909, 0.2743



10.5323, 0.2983, 0.3086



3.2941, 0.1536, 0.0728



0.2383, 0.1624, 0.1045

Inverse Universe

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



38.7759, 0.3478, 0.3214



62.8254, 0.3581, 0.3195



52.9736, 0.3315, 0.3820



10.6617, 0.3267, 0.3257



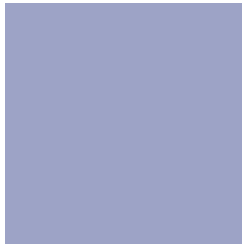
7.8725, 0.6187, 0.3182



0.3811, 0.5691, 0.2909

Previews

White Background



This preview shows how the Yxy color 37.4397, 0.2790, 0.2808 looks on a white background.

Color Contrast Check

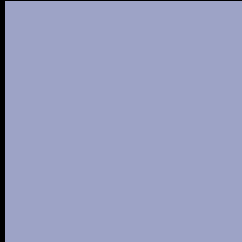
Large Text (above 18pt) WCAG AA × Fail

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 37.4397, 0.2790, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

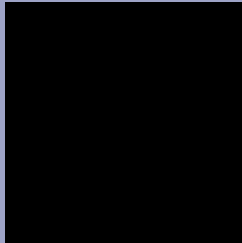
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4397, 0.2790, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 37.4397, 0.2790, 0.2808.



This preview shows how white text looks on a background with the Yxy color 37.4397, 0.2790, 0.2808.

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

37.4397, 0.2790, 0.2808

Protanopia

37.4397, 0.2790, 0.2808

Deuteranopia

37.4595, 0.2847, 0.2788



Tritanopia

37.3971, 0.2912, 0.3103

Trichromacy



Original Color

37.4397, 0.2790, 0.2808

Protanomaly

37.4397, 0.2790, 0.2808

Deuteranomaly

37.4949, 0.2822, 0.2799

Tritanomaly

37.4240, 0.2866, 0.2993

Monochromacy



Original Color

37.4397, 0.2790, 0.2808

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.4066, 0.2999, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4397, 0.2790, 0.2808 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(157, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 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(157, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 198) }
```

Border

The CSS property to change the border of an element to Yxy 37.4397, 0.2790, 0.2808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

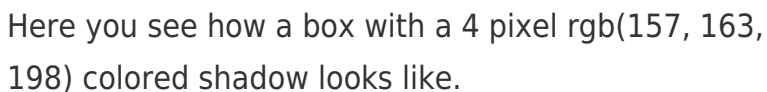
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 163, 198) }
```

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

```
.border{ border-color:rgb(157, 163, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 198);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4397, 0.2790, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 198) }
```

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

```
.background{ background-color: rgb(157,  
163, 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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