

Converting Colors

$Yxy(37.5313, 0.2751, 0.2893)$

Have a look what the booklet for
Yxy(37.5313, 0.2751, 0.2893)
contains.

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Color

Yxy(37.4634, 0.2749, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	94A6C2
RGB	148, 166, 194
RGB Percent	58%, 65%, 76%
CMY	0.4196, 0.3490, 0.2392
CMYK	0.24, 0.14, 0.00, 0.24
HSL	217°, 27%, 67%
HSV	217°, 24%, 76%
XYZ	35.5863, 37.4634, 56.4022
YIQ	163.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

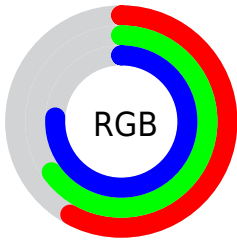
Format	Color
R_{YB}	148, 161, 194
Decimal	9742018
CIE Lab	67.62, -0.07, -16.45
CIE LCh	68, 16.446, 269.747
Yxy	37.4634, 0.2749, 0.2894
Android (android.graphics.Color)	4287932098 (0xFF94A6C2)
YUV	163.8100, 14.8837, -13.8654
Hunter-Lab	61.2074, -3.3318, -11.7902

Details

The Yxy color **37.4634, 0.2749, 0.2894** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6603, 0.3530, 0.3656**, and the grayscale version is **36.9647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3744, 0.2820, 0.2965**, and **16.4149, 0.2633, 0.2775** is the 20% darker color. If you saturate the color by 10%, you get **31.7070, 0.2578, 0.2696**, and if you desaturate by 10%, it is **43.9203, 0.2914, 0.3074**.

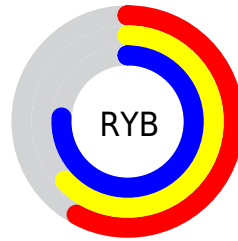
Distribution



Red (58%)

Green (65%)

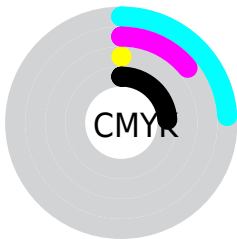
Blue (76%)



Red (58%)

Yellow (63%)

Blue (76%)

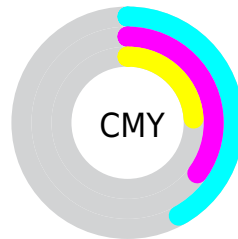


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4634, 0.2749, 0.2894 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 37.4634, 0.2749, 0.2894 by changing the saturation by 10% instead.

■ 37.4634, 0.2749,
0.2894

■ 37.4634, 0.2749,
0.2894

■ 335.3125, 0.2943,
0.3097

■ 25.5665, 0.2699,
0.2842

■ 71.2849, 0.2821,
0.2969

■ 16.4996, 0.2634,
0.2774

■ 93.9783, 0.2847,
0.2997

■ 9.8784, 0.2547,
0.2682

■ 121.0393, 0.2870,
0.3020

■ 5.3184, 0.2422,
0.2551

■ 152.8524, 0.2889,
0.3040

■ 2.4353, 0.2232,
0.2352

■ 189.8018, 0.2905,
0.3058

■ 0.8439, 0.1911,
0.2015

■ 232.2720, 0.2919,

■ 0.0000, 0.0000,

0.3073

0.0000

280.6474, 0.2932,
0.3086

■ 37.4634, 0.2749,
0.2894

■ 37.4634, 0.2749,
0.2894

■ 31.7070, 0.2578,
0.2696

■ 43.9203, 0.2914,
0.3074

■ 26.6208, 0.2406,
0.2482

■ 51.0972, 0.3071,
0.3235

■ 22.1790, 0.2237,
0.2255

■ 59.0188, 0.3218,
0.3378

■ 18.3519, 0.2077,
0.2021

■ 67.7068, 0.3355,
0.3504

■ 15.1072, 0.1934,
0.1786

■ 77.1821, 0.3481,
0.3614

■ 12.4089, 0.1814,
0.1560

■ 85.6382, 0.3529,
0.3721

■ 10.2153, 0.1722,
0.1352

■ 92.6968, 0.3503,
0.3832

■ 9.0557, 0.1676,
0.1232

■ 96.6757, 0.3490,
0.3890

Harmonies

Analogous

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



37.4634, 0.2662, 0.3003



37.4634, 0.2749, 0.2894



37.4634, 0.2936, 0.2889

Triad

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



37.4634, 0.2749, 0.2894



37.4634, 0.3581, 0.3353



37.4634, 0.3059, 0.3631

Complementary

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



37.4634, 0.2749, 0.2894



44.6603, 0.3530, 0.3656

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.



37.4634, 0.3307, 0.3726



37.4634, 0.2749, 0.2894



37.4634, 0.3614, 0.3552

Square

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



37.4634, 0.2749, 0.2894



37.4634, 0.3420, 0.3148



37.4634, 0.3512, 0.3693



37.4634, 0.2836, 0.3432

Rectangle

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



37.4634, 0.2749, 0.2894



37.4634, 0.3097, 0.2940



37.4634, 0.3512, 0.3693



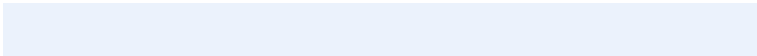
37.4634, 0.3142, 0.3676

Sweetspot

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



37.4649, 0.2749, 0.2894



88.0042, 0.3019, 0.3182



48.0040, 0.2903, 0.3546



19.0940, 0.3009, 0.3172



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.



37.4649, 0.2749, 0.2894



62.7854, 0.2669, 0.2803



31.8058, 0.2768, 0.2637



10.3802, 0.2984, 0.3146



6.1023, 0.1682, 0.1256



0.3978, 0.1809, 0.1713

Inverse Universe

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



35.4018, 0.3426, 0.3053



58.7637, 0.3504, 0.3004



51.5993, 0.3441, 0.3883



10.1417, 0.3229, 0.3200



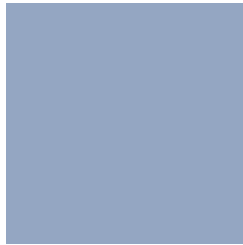
7.8983, 0.5387, 0.2741



0.3548, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 37.4634, 0.2749, 0.2894 looks on a white background.

Color Contrast Check

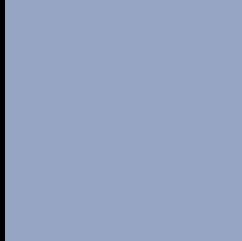
Large Text (above 18pt) WCAG AA × Fail

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 37.4634, 0.2749, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

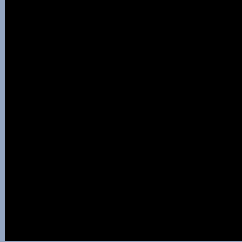
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

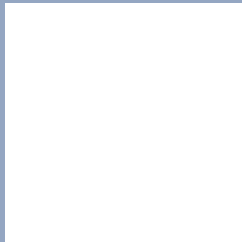
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.4634, 0.2749, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 37.4634, 0.2749, 0.2894.



This preview shows how white text looks on a background with the Yxy color 37.4634, 0.2749, 0.2894.

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

37.4634, 0.2749, 0.2894

Protanopia

37.3711, 0.2852, 0.2888

Deuteranopia

37.4292, 0.2879, 0.2827



Tritanopia

37.4937, 0.2824, 0.3086

Trichromacy



Original Color

37.4634, 0.2749, 0.2894

Protanomaly

37.3697, 0.2812, 0.2885

Deuteranomaly

37.5054, 0.2829, 0.2849

Tritanomaly

37.3856, 0.2801, 0.3016

Monochromacy



Original Color

37.4634, 0.2749, 0.2894

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.2745, 0.2979, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4634, 0.2749, 0.2894 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(148, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(148, 166, 194)  
}
```

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(148, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 166, 194) }
```

Border

The CSS property to change the border of an element to Yxy 37.4634, 0.2749, 0.2894 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(148, 166, 194) }
```

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

```
.border{ border-color:rgb(148, 166, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 166, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 166, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 166, 194); box-shadow:4px 4px 4px 4px rgb(148, 166, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4634, 0.2749, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 166, 194) }
```

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

```
.background{ background-color: rgb(148,  
166, 194) }
```

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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