

Converting Colors

$Y_{xy}(37.9720, 0.2818, 0.3032)$

Have a look what the booklet for
Yxy(37.9720, 0.2818, 0.3032)
contains.

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Color

Yxy(37.9400, 0.2818, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	95A8BA
RGB	149, 168, 186
RGB Percent	58%, 66%, 73%
CMY	0.4157, 0.3412, 0.2705
CMYK	0.20, 0.10, 0.00, 0.27
HSL	209°, 21%, 66%
HSV	209°, 20%, 73%
XYZ	35.2622, 37.9400, 51.9297
YIQ	164.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

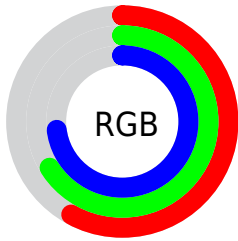
Format	Color
RYB	149, 162, 186
Decimal	9808058
CIELab	67.98, -2.69, -11.47
CIElCh	68, 11.785, 256.795
Yxy	37.9400, 0.2818, 0.3032
Android (android.graphics.Color)	4287998138 (0xFF95A8BA)
YUV	164.3710, 10.6631, -13.4804
Hunter-Lab	61.5955, -5.6043, -6.8693

Details

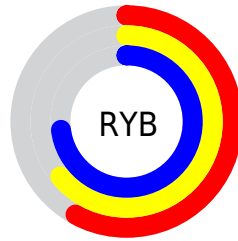
The Yxy color **37.9400, 0.2818, 0.3032** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2588, 0.3469, 0.3535**, and the grayscale version is **37.2662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8827, 0.2874, 0.3082**, and **16.7809, 0.2726, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **33.1009, 0.2657, 0.2882**, and if you desaturate by 10%, it is **43.2945, 0.2976, 0.3169**.

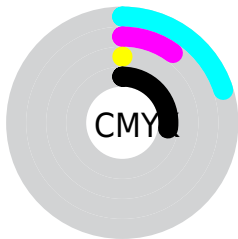
Distribution



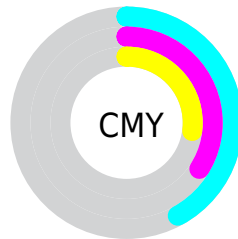
- Red (58%)
- Green (66%)
- Blue (73%)



- Red (58%)
- Yellow (64%)
- Blue (73%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9400, 0.2818, 0.3032 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 37.9400, 0.2818, 0.3032 by changing the saturation by 10% instead.

■ 37.9400, 0.2818,
0.3032

■ 37.9400, 0.2818,
0.3032

■ 337.3625, 0.2977,
0.3166

■ 25.9361, 0.2777,
0.2997

■ 72.0162, 0.2877,
0.3082

■ 16.7759, 0.2724,
0.2952

■ 94.8572, 0.2898,
0.3100

■ 10.0748, 0.2652,
0.2889

■ 122.0795, 0.2917,
0.3115

■ 5.4486, 0.2549,
0.2799

■ 154.0674, 0.2932,
0.3128

■ 2.5128, 0.2390,
0.2659

■ 191.2052, 0.2945,
0.3140

■ 0.8830, 0.2113,
0.2412

■ 233.8774, 0.2957,

■ 0.0000, 0.0000,

0.3149

0.0000

282.4684, 0.2967,
0.3158

■ 37.9400, 0.2818,
0.3032

■ 37.9400, 0.2818,
0.3032

■ 33.1009, 0.2657,
0.2882

■ 43.2945, 0.2976,
0.3169

■ 28.7547, 0.2497,
0.2718

■ 49.1768, 0.3129,
0.3291

■ 24.8838, 0.2340,
0.2543

■ 55.6045, 0.3274,
0.3400

■ 21.4674, 0.2193,
0.2360

■ 62.5928, 0.3412,
0.3497

■ 18.4830, 0.2061,
0.2171

■ 70.1564, 0.3541,
0.3582

■ 15.9054, 0.1947,
0.1982

■ 77.2281, 0.3619,
0.3662

■ 13.7056, 0.1855,
0.1798

■ 82.1786, 0.3595,
0.3750

■ 11.8312, 0.1784,
0.1623

■ 87.3916, 0.3573,
0.3836

■ 11.8132, 0.1784,
0.1621

■ 92.8708, 0.3551,
0.3919

Harmonies

Analogous

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



37.9400, 0.2791, 0.3142



37.9400, 0.2818, 0.3032



37.9400, 0.2926, 0.2993

Triad

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



37.9400, 0.2818, 0.3032



37.9400, 0.3410, 0.3272



37.9400, 0.3157, 0.3570

Complementary

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



37.9400, 0.2818, 0.3032



40.2588, 0.3469, 0.3535

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.



37.9400, 0.3326, 0.3600



37.9400, 0.2818, 0.3032



37.9400, 0.3475, 0.3423

Square

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



37.9400, 0.2818, 0.3032



37.9400, 0.3267, 0.3130



37.9400, 0.3444, 0.3544



37.9400, 0.2984, 0.3458

Rectangle

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



37.9400, 0.2818, 0.3032



37.9400, 0.3031, 0.3009



37.9400, 0.3444, 0.3544



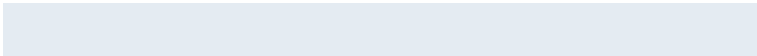
37.9400, 0.3217, 0.3590

Sweetspot

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



37.9416, 0.2818, 0.3032



82.3895, 0.3035, 0.3217



44.3027, 0.2970, 0.3563



17.9920, 0.3025, 0.3209



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.9416, 0.2818, 0.3032



64.6951, 0.2746, 0.2966



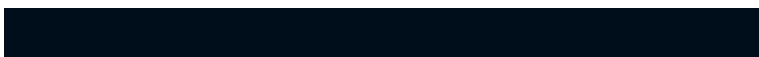
31.6287, 0.2801, 0.2760



9.4611, 0.2985, 0.3176



8.0964, 0.1790, 0.1643



0.4089, 0.1918, 0.2105

Inverse Universe

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



34.7656, 0.3322, 0.3034



58.1004, 0.3377, 0.2973



47.4788, 0.3424, 0.3771



9.0871, 0.3210, 0.3173



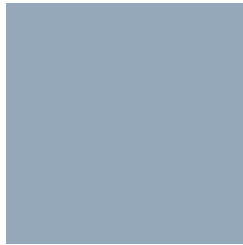
7.5997, 0.4877, 0.2460



0.2804, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 37.9400, 0.2818, 0.3032 looks on a white background.

Color Contrast Check

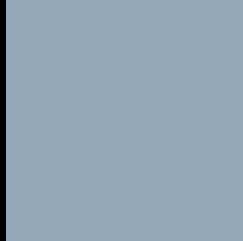
Large Text (above 18pt) WCAG AA × Fail

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 37.9400, 0.2818, 0.3032 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 37.9400, 0.2818, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 37.9400, 0.2818, 0.3032.



This preview shows how white text looks on a background with the Yxy color 37.9400, 0.2818, 0.3032.

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

37.9400, 0.2818, 0.3032

Protanopia

37.7981, 0.2950, 0.3011

Deuteranopia

37.7355, 0.2997, 0.2936



Tritanopia

38.0492, 0.2841, 0.3102

Trichromacy



Original Color

37.9400, 0.2818, 0.3032

Protanomaly

37.6822, 0.2899, 0.3008

Deuteranomaly

37.9253, 0.2926, 0.2971

Tritanomaly

38.0907, 0.2833, 0.3088

Monochromacy



Original Color

37.9400, 0.2818, 0.3032

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.2598, 0.3013, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9400, 0.2818, 0.3032 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(149, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 186)  
}
```

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(149, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 186) }
```

Border

The CSS property to change the border of an element to Yxy 37.9400, 0.2818, 0.3032 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(149, 168, 186) }
```

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

```
.border{ border-color:rgb(149, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 168, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 168, 186); box-shadow:4px 4px 4px 4px rgb(149, 168, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9400, 0.2818, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 186) }
```

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

```
.background{ background-color: rgb(149,  
168, 186) }
```

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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