

Converting Colors

$Yxy(38.5858, 0.3035, 0.3199)$

Have a look what the booklet for
Yxy(38.5858, 0.3035, 0.3199)
contains.

Yxy(38.4800, 0.3032, 0.3191)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4800, 0.3032, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	A3A7AE
RGB	163, 167, 174
RGB Percent	64%, 65%, 68%
CMY	0.3608, 0.3451, 0.3176
CMYK	0.06, 0.04, 0.00, 0.32
HSL	218°, 6%, 66%
HSV	218°, 6%, 68%
XYZ	36.5626, 38.4800, 45.5465
YIQ	166.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

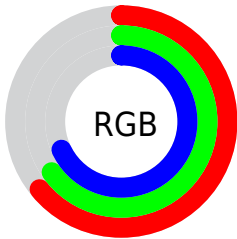
Format	Color
RYB	163, 166, 174
Decimal	10725294
CIELab	68.37, -0.04, -4.11
CIELCh	68, 4.106, 269.470
Yxy	38.4800, 0.3032, 0.3191
Android (android.graphics.Color)	4288915374 (0xFFA3A7AE)
YUV	166.6020, 3.6472, -3.1590
Hunter-Lab	62.0322, -3.3462, -0.1105

Details

The Yxy color **38.4800, 0.3032, 0.3191** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3918, 0.3224, 0.3387**, and the grayscale version is **38.4243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8051, 0.3054, 0.3214**, and **17.0461, 0.2995, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **32.8869, 0.2873, 0.3019**, and if you desaturate by 10%, it is **44.6760, 0.3180, 0.3344**.

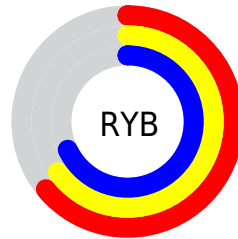
Distribution



Red (64%)

Green (65%)

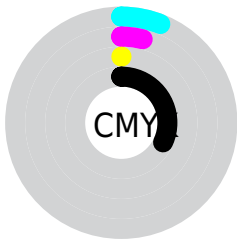
Blue (68%)



Red (64%)

Yellow (65%)

Blue (68%)

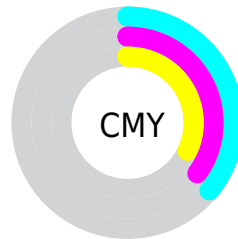


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (32%)



Cyan (36%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4800, 0.3032, 0.3191 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 38.4800, 0.3032, 0.3191 by changing the saturation by 10% instead.

■ 38.4800, 0.3032,
0.3191

■ 38.4800, 0.3032,
0.3191

■ 339.6746, 0.3081,
0.3242

■ 26.3554, 0.3019,
0.3178

■ 72.8433, 0.3050,
0.3210

■ 17.0897, 0.3003,
0.3160

■ 95.8507, 0.3057,
0.3217

■ 10.2985, 0.2980,
0.3137

■ 123.2547, 0.3063,
0.3223

■ 5.5973, 0.2947,
0.3102

■ 155.4394, 0.3067,
0.3228

■ 2.6018, 0.2895,
0.3048

■ 192.7894, 0.3072,
0.3232

■ 0.9276, 0.2801,
0.2950

■ 235.6890, 0.3075,

■ 0.0000, 0.0000,

0.3236

0.0000

284.5226, 0.3078,
0.3239

■ 38.4800, 0.3032,
0.3191

■ 38.4800, 0.3032,
0.3191

■ 32.8869, 0.2873,
0.3019

■ 44.6760, 0.3180,
0.3344

■ 27.8730, 0.2706,
0.2828

■ 51.4880, 0.3318,
0.3479

■ 23.4199, 0.2534,
0.2618

■ 58.9350, 0.3445,
0.3598

■ 19.5064, 0.2360,
0.2392

■ 67.0333, 0.3560,
0.3702

■ 16.1099, 0.2190,
0.2154

■ 75.7989, 0.3666,
0.3792

■ 13.2060, 0.2031,
0.1911

■ 82.8189, 0.3670,
0.3891

■ 10.7678, 0.1890,
0.1671

■ 89.2960, 0.3638,
0.3992

■ 8.7654, 0.1774,
0.1444

■ 95.8362, 0.3608,
0.4086

■ 7.1615, 0.1686,
0.1238

Harmonies

Analogous

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



38.4800, 0.3009, 0.3221



38.4800, 0.3032, 0.3191



38.4800, 0.3080, 0.3187

Triad

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



38.4800, 0.3032, 0.3191



38.4800, 0.3238, 0.3308



38.4800, 0.3112, 0.3372

Complementary

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



38.4800, 0.3032, 0.3191



40.3918, 0.3224, 0.3387

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.



38.4800, 0.3174, 0.3395



38.4800, 0.3032, 0.3191



38.4800, 0.3247, 0.3358

Square

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



38.4800, 0.3032, 0.3191



38.4800, 0.3199, 0.3254



38.4800, 0.3223, 0.3390



38.4800, 0.3055, 0.3326

Rectangle

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



38.4800, 0.3032, 0.3191



38.4800, 0.3120, 0.3200



38.4800, 0.3223, 0.3390



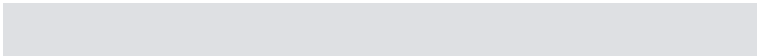
38.4800, 0.3133, 0.3383

Sweetspot

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



38.4816, 0.3032, 0.3191



74.4833, 0.3097, 0.3259



40.9612, 0.3063, 0.3347



16.5819, 0.3099, 0.3261



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.4816, 0.3032, 0.3191



67.8756, 0.3004, 0.3161



37.1917, 0.3046, 0.3134



8.2168, 0.2986, 0.3142



4.9277, 0.1664, 0.1189



0.2430, 0.1841, 0.1828

Inverse Universe

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



37.9828, 0.3196, 0.3235



66.7498, 0.3217, 0.3218



41.7497, 0.3206, 0.3442



8.0618, 0.3231, 0.3208



6.8005, 0.5482, 0.2794



0.1999, 0.4653, 0.2337

Previews

White Background



This preview shows how the Yxy color 38.4800, 0.3032, 0.3191 looks on a white background.

Color Contrast Check

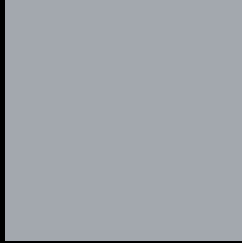
Large Text (above 18pt) WCAG AA × Fail

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 38.4800, 0.3032, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

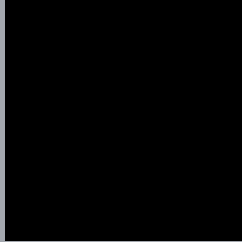
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

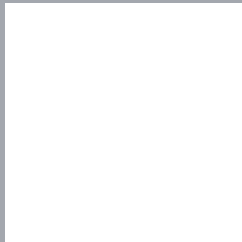
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.4800, 0.3032, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 38.4800, 0.3032, 0.3191.



This preview shows how white text looks on a background with the Yxy color 38.4800, 0.3032, 0.3191.

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

38.4800, 0.3032, 0.3191

Protanopia

38.6144, 0.3086, 0.3192

Deuteranopia

38.5195, 0.3173, 0.3114



Tritanopia

38.4196, 0.3000, 0.3108

Trichromacy



Original Color

38.4800, 0.3032, 0.3191

Protanomaly

38.3966, 0.3068, 0.3192

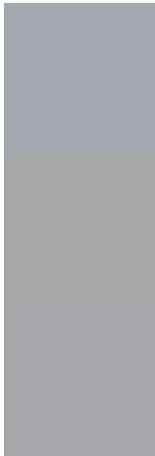
Deuteranomaly

38.5303, 0.3116, 0.3139

Tritanomaly

38.3393, 0.3016, 0.3136

Monochromacy



Original Color

38.4800, 0.3032, 0.3191

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6467, 0.3093, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4800, 0.3032, 0.3191 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(163, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(163, 167, 174)  
}
```

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(163, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 167, 174) }
```

Border

The CSS property to change the border of an element to Yxy 38.4800, 0.3032, 0.3191 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(163, 167, 174) }
```

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

```
.border{ border-color:rgb(163, 167, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 167, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(163, 167,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4800, 0.3032, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 167, 174) }
```

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

```
.background{ background-color: rgb(163,  
167, 174) }
```

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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