

Converting Colors

$Y_{xy}(38.3534, 0.2812, 0.3033)$

Have a look what the booklet for
Yxy(38.3534, 0.2812, 0.3033)
contains.

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Color

Yxy(38.3534, 0.2812, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	95A9BB
RGB	149, 169, 187
RGB Percent	58%, 66%, 73%
CMY	0.4155, 0.3373, 0.2667
CMYK	0.20, 0.10, 0.00, 0.27
HSL	208°, 22%, 66%
HSV	208°, 20%, 73%
XYZ	35.5588, 38.3534, 52.5415
YIQ	165.0720, -17.6980, 1.3580

Conversions

Conversions Part 2

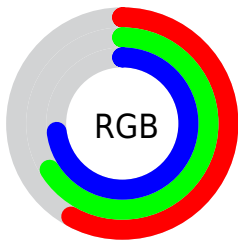
Format	Color
R_{YB}	149, 162, 187
Decimal	9808315
CIE Lab	68.28, -3.00, -11.56
CIE LCh	68, 11.943, 255.464
Yxy	38.3534, 0.2812, 0.3033
Android (android.graphics.Color)	4287998395 (0xFF95A9BB)
YUV	165.0720, 10.8105, -14.0951
Hunter-Lab	61.9301, -5.8873, -6.9505

Details

The Yxy color **38.3534, 0.2812, 0.3033** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3961, 0.3478, 0.3534**, and the grayscale version is **37.6214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6197, 0.2875, 0.3082**, and **17.0405, 0.2718, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **33.5437, 0.2652, 0.2886**, and if you desaturate by 10%, it is **43.6728, 0.2970, 0.3167**.

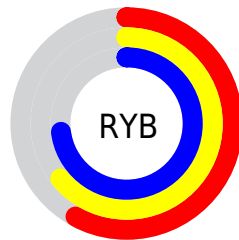
Distribution



Red (58%)

Green (66%)

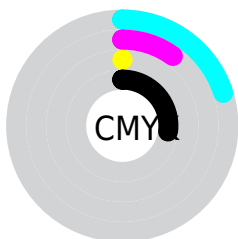
Blue (73%)



Red (58%)

Yellow (64%)

Blue (73%)

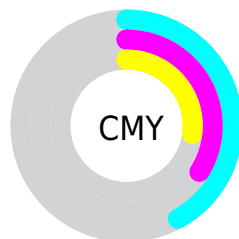


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3534, 0.2812, 0.3033 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 38.3534, 0.2812, 0.3033 by changing the saturation by 10% instead.

■ 38.3534, 0.2812,
0.3033

■ 38.3534, 0.2812,
0.3033

339.1335, 0.2973,
0.3166

■ 26.2571, 0.2771,
0.2998

■ 72.6495, 0.2871,
0.3082

■ 17.0161, 0.2717,
0.2953

■ 95.6180, 0.2894,
0.3101

■ 10.2459, 0.2644,
0.2891

122.9795, 0.2912,
0.3116

■ 5.5623, 0.2540,
0.2802

155.1182, 0.2928,
0.3129

■ 2.5808, 0.2380,
0.2663

192.4185, 0.2942,
0.3140

■ 0.9170, 0.2106,
0.2419

235.2650, 0.2954,

■ 0.0000, 0.0000,

0.3150

0.0000

284.0418, 0.2964,
0.3158

■ 38.3534, 0.2812,
0.3033

■ 38.3534, 0.2812,
0.3033

■ 33.5437, 0.2652,
0.2886

■ 43.6728, 0.2970,
0.3167

■ 29.2211, 0.2492,
0.2726

■ 49.5141, 0.3123,
0.3287

■ 25.3682, 0.2338,
0.2556

■ 55.8947, 0.3269,
0.3394

■ 21.9642, 0.2193,
0.2377

■ 62.8300, 0.3408,
0.3488

■ 18.9867, 0.2063,
0.2193

■ 70.3343, 0.3538,
0.3572

■ 16.4104, 0.1952,
0.2009

■ 77.2166, 0.3612,
0.3651

■ 14.2063, 0.1863,
0.1829

■ 82.0623, 0.3589,
0.3737

■ 12.3711, 0.1795,
0.1662

■ 87.1599, 0.3568,
0.3822

■ 92.5131, 0.3546,
0.3904

Harmonies

Analogous

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



38.3534, 0.2789, 0.3147



38.3534, 0.2812, 0.3033



38.3534, 0.2917, 0.2990

Triad

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



38.3534, 0.2812, 0.3033



38.3534, 0.3408, 0.3265



38.3534, 0.3166, 0.3576

Complementary

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



38.3534, 0.2812, 0.3033



40.3961, 0.3478, 0.3534

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.



38.3534, 0.3335, 0.3603



38.3534, 0.2812, 0.3033



38.3534, 0.3478, 0.3417

Square

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



38.3534, 0.2812, 0.3033



38.3534, 0.3261, 0.3123



38.3534, 0.3451, 0.3542



38.3534, 0.2989, 0.3466

Rectangle

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



38.3534, 0.2812, 0.3033



38.3534, 0.3022, 0.3004



38.3534, 0.3451, 0.3542



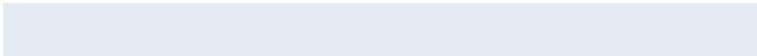
38.3534, 0.3225, 0.3595

Sweetspot

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



38.3550, 0.2812, 0.3033



82.4918, 0.3035, 0.3219



44.7161, 0.2971, 0.3578



18.0169, 0.3025, 0.3211



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.



38.3550, 0.2812, 0.3033



65.0570, 0.2746, 0.2974



31.8966, 0.2795, 0.2757



10.0326, 0.2984, 0.3178



8.6694, 0.1801, 0.1683



0.4697, 0.1917, 0.2102

Inverse Universe

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



34.9405, 0.3323, 0.3022



58.1370, 0.3371, 0.2966



47.7423, 0.3431, 0.3773



9.6179, 0.3208, 0.3170



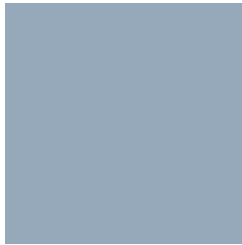
7.9049, 0.4828, 0.2433



0.3228, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 38.3534, 0.2812, 0.3033 looks on a white background.

Color Contrast Check

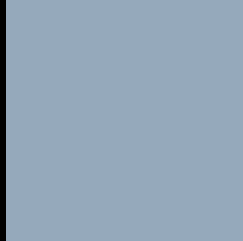
Large Text (above 18pt) WCAG AA × Fail

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 38.3534, 0.2812, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

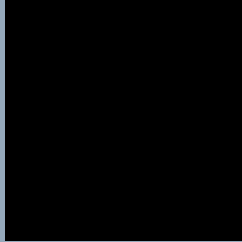
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

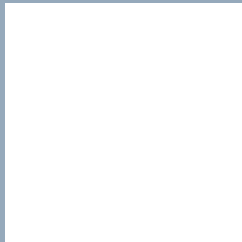
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.3534, 0.2812, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 38.3534, 0.2812, 0.3033.



This preview shows how white text looks on a background with the Yxy color 38.3534, 0.2812, 0.3033.

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

38.3534, 0.2812, 0.3033

Protanopia

38.2635, 0.2959, 0.3026

Deuteranopia

38.2422, 0.2997, 0.2938



Tritanopia

38.4642, 0.2834, 0.3103

Trichromacy



Original Color

38.3534, 0.2812, 0.3033

Protanomaly

38.1461, 0.2908, 0.3024

Deuteranomaly

38.4336, 0.2927, 0.2973

Tritanomaly

38.5060, 0.2827, 0.3089

Monochromacy



Original Color

38.3534, 0.2812, 0.3033

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.6605, 0.3005, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3534, 0.2812, 0.3033 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, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 187)  
}
```

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, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 187) }
```

Border

The CSS property to change the border of an element to Yxy 38.3534, 0.2812, 0.3033 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, 169, 187) }
```

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

```
.border{ border-color:rgb(149, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 187);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3534, 0.2812, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 187) }
```

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

```
.background{ background-color: rgb(149,  
169, 187) }
```

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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