

Converting Colors

$Yxy(30.5756, 0.3043, 0.3043)$

Have a look what the booklet for
Yxy(30.5756, 0.3043, 0.3043)
contains.

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Color

Yxy(30.4178, 0.3038, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	9A93A4
RGB	154, 147, 164
RGB Percent	60%, 58%, 64%
CMY	0.3961, 0.4235, 0.3569
CMYK	0.06, 0.10, 0.00, 0.36
HSL	265°, 9%, 61%
HSV	265°, 10%, 64%
XYZ	30.4579, 30.4178, 39.3807
YIQ	151.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

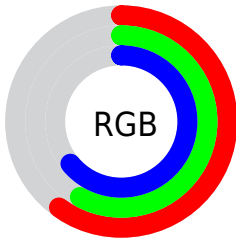
Format	Color
RYB	154, 147, 164
Decimal	10130340
CIELab	62.01, 5.89, -7.99
CIELCh	62, 9.929, 306.404
Yxy	30.4178, 0.3038, 0.3034
Android (android.graphics.Color)	4288320420 (0xFF9A93A4)
YUV	151.0310, 6.3937, 2.6038
Hunter-Lab	55.1523, 2.0601, -3.7285

Details

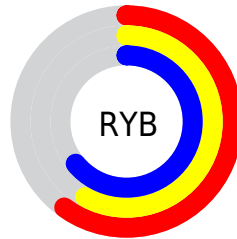
The Yxy color **30.4178, 0.3038, 0.3034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8217, 0.3210, 0.3544**, and the grayscale version is **30.9336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2977, 0.3053, 0.3084**, and **12.4192, 0.3011, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **24.7671, 0.2938, 0.2764**, and if you desaturate by 10%, it is **36.8744, 0.3124, 0.3282**.

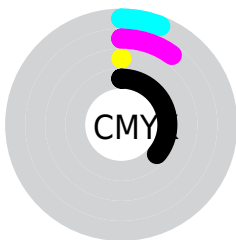
Distribution



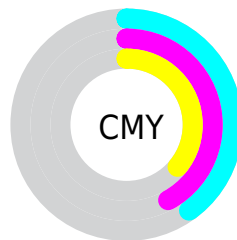
- Red (60%)
- Green (58%)
- Blue (64%)



- Red (60%)
- Yellow (58%)
- Blue (64%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4178, 0.3038, 0.3034 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 30.4178, 0.3038, 0.3034 by changing the saturation by 10% instead.

■ 30.4178, 0.3038,
0.3034

■ 30.4178, 0.3038,
0.3034

303.8471, 0.3086,
0.3169

■ 20.1559, 0.3025,
0.2998

■ 60.3223, 0.3057,
0.3085

■ 12.5084, 0.3006,
0.2949

■ 80.7337, 0.3063,
0.3104

■ 7.0909, 0.2980,
0.2882

105.2970, 0.3069,
0.3119

■ 3.5190, 0.2940,
0.2782

134.3967, 0.3073,
0.3132

■ 1.4083, 0.2870,
0.2618

168.4172, 0.3077,
0.3143

■ 0.2229, 0.2578,
0.1615

207.7428, 0.3081,

■ 0.0000, 0.0000,

0.3153

0.0000

252.7580, 0.3084,
0.3162

■ 30.4178, 0.3038,
0.3034

■ 30.4178, 0.3038,
0.3034

■ 24.7671, 0.2938,
0.2764

■ 36.8744, 0.3124,
0.3282

■ 19.8861, 0.2824,
0.2476

■ 44.1635, 0.3198,
0.3506

■ 15.7413, 0.2696,
0.2175

■ 52.3152, 0.3260,
0.3707

■ 12.2954, 0.2556,
0.1872

■ 61.3572, 0.3313,
0.3887

■ 9.5078, 0.2409,
0.1580

■ 71.3157, 0.3357,
0.4047

7.3334, 0.2259,
0.1314

82.2157, 0.3393,
0.4188

5.7211, 0.2115,
0.1091

89.6659, 0.3439,
0.4255

4.6112, 0.1983,
0.0922

91.2314, 0.3504,
0.4234

3.8873, 0.1871,
0.0805

92.8855, 0.3570,
0.4213

Harmonies

Analogous

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



30.4178, 0.2903, 0.3024



30.4178, 0.3038, 0.3034



30.4178, 0.3200, 0.3108

Triad

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



30.4178, 0.3038, 0.3034



30.4178, 0.3434, 0.3488



30.4178, 0.2912, 0.3350

Complementary

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



30.4178, 0.3038, 0.3034



35.8217, 0.3210, 0.3544

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.



30.4178, 0.3050, 0.3484



30.4178, 0.3038, 0.3034



30.4178, 0.3352, 0.3562

Square

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



30.4178, 0.3038, 0.3034



30.4178, 0.3432, 0.3365



30.4178, 0.3211, 0.3562



30.4178, 0.2832, 0.3202

Rectangle

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



30.4178, 0.3038, 0.3034



30.4178, 0.3301, 0.3184



30.4178, 0.3211, 0.3562



30.4178, 0.2953, 0.3398

Sweetspot

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



30.4191, 0.3038, 0.3034



63.6295, 0.3102, 0.3217



33.0639, 0.2971, 0.3187



13.7053, 0.3096, 0.3198



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.4191, 0.3038, 0.3034



53.1944, 0.3020, 0.2985



31.2619, 0.3122, 0.3041



6.9955, 0.3048, 0.3062



3.0077, 0.1881, 0.0810



0.0905, 0.2315, 0.1049

Inverse Universe

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



31.1961, 0.3206, 0.3143



54.8471, 0.3222, 0.3115



35.0148, 0.3131, 0.3550



7.1527, 0.3197, 0.3158



6.7172, 0.4554, 0.2282



0.1502, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 30.4178, 0.3038, 0.3034 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 30.4178, 0.3038, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

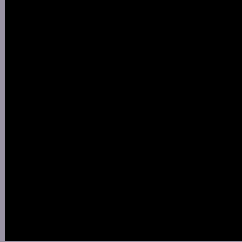
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

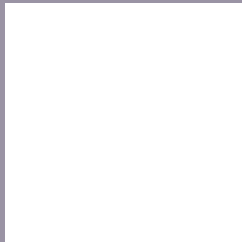
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4178, 0.3038, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 30.4178, 0.3038, 0.3034.



This preview shows how white text looks on a background with the Yxy color 30.4178, 0.3038, 0.3034.

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

30.4178, 0.3038, 0.3034

Protanopia

30.5074, 0.2970, 0.3045

Deuteranopia

30.5072, 0.3078, 0.3022



Tritanopia

30.4553, 0.3074, 0.3122

Trichromacy



Original Color

30.4178, 0.3038, 0.3034

Protanomaly

30.3805, 0.2989, 0.3031

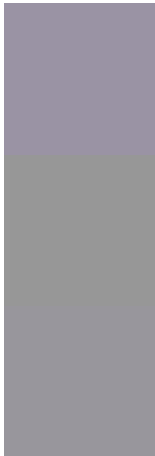
Deuteranomaly

30.4062, 0.3068, 0.3021

Tritanomaly

30.5253, 0.3056, 0.3093

Monochromacy



Original Color

30.4178, 0.3038, 0.3034

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8884, 0.3091, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4178, 0.3038, 0.3034 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(154, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(154, 147, 164)  
}
```

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(154, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 147, 164) }
```

Border

The CSS property to change the border of an element to Yxy 30.4178, 0.3038, 0.3034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

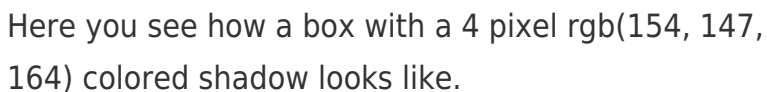
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 147, 164) }
```

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

```
.border{ border-color:rgb(154, 147, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 147, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 147, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 147, 164);  
box-shadow:4px 4px 4px 4px rgb(154, 147,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4178, 0.3038, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 147, 164) }
```

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

```
.background{ background-color: rgb(154,  
147, 164) }
```

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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