

Converting Colors

$Y_{xy}(30.5013, 0.3291, 0.3562)$

Have a look what the booklet for
Yxy(30.5013, 0.3291, 0.3562)
contains.

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Color

Yxy(30.4338, 0.3290, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	979786
RGB	151, 151, 134
RGB Percent	59%, 59%, 53%
CMY	0.4078, 0.4078, 0.4745
CMYK	0.00, 0.00, 0.11, 0.41
HSL	60°, 8%, 56%
HSV	60°, 11%, 59%
XYZ	28.1335, 30.4338, 26.9449
YIQ	149.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

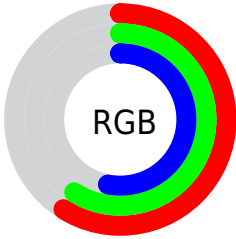
Format	Color
RYB	134, 151, 134
Decimal	9934726
CIELab	62.03, -3.10, 8.96
CIElCh	62, 9.485, 109.086
Yxy	30.4338, 0.3290, 0.3559
Android (android.graphics.Color)	4288124806 (0xFF979786)
YUV	149.0620, -7.4256, 1.6996
Hunter-Lab	55.1668, -5.5120, 9.6580

Details

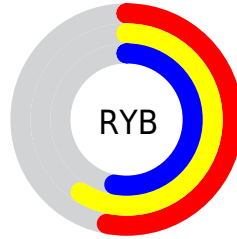
The Yxy color **30.4338, 0.3290, 0.3559** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3556, 0.2955, 0.3006**, and the grayscale version is **30.1136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2296, 0.3256, 0.3504**, and **12.4638, 0.3350, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **30.0405, 0.3438, 0.3803**, and if you desaturate by 10%, it is **30.8899, 0.3145, 0.3320**.

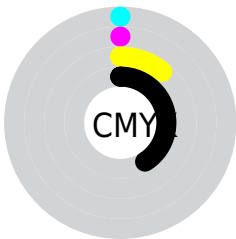
Distribution



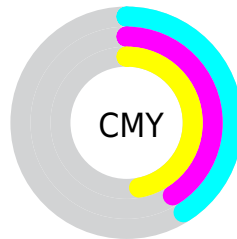
- Red (59%)
- Green (59%)
- Blue (53%)



- Red (53%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)





- Cyan (41%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4338, 0.3290, 0.3559 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 30.4338, 0.3290, 0.3559 by changing the saturation by 10% instead.


 30.4338, 0.3290,
0.3559

 30.4338, 0.3290,
0.3559


303.9213, 0.3203,
0.3414


 20.1681, 0.3314,
0.3599


 60.3475, 0.3257,
0.3503

 12.5173, 0.3345,
0.3653


 80.7643, 0.3245,
0.3484

 7.0970, 0.3389,
0.3731


 105.3336, 0.3235,
0.3467

 3.5228, 0.3455,
0.3849

134.4398, 0.3227,
0.3453

 1.4104, 0.3570,
0.4061

168.4673, 0.3220,
0.3441

 0.2244, 0.3800,
0.6200

207.8004, 0.3214,

 0.0000, 0.0000,

0.3431

0.0000

252.8236, 0.3208,
0.3422

■ 30.4338, 0.3290,
0.3559

■ 30.4338, 0.3290,
0.3559

■ 30.0405, 0.3438,
0.3803

■ 30.8899, 0.3145,
0.3320

■ 29.7035, 0.3585,
0.4046

■ 31.4073, 0.3006,
0.3090

■ 29.4214, 0.3726,
0.4279

■ 31.9895, 0.2876,
0.2874

■ 29.1913, 0.3856,
0.4494

■ 32.6387, 0.2754,
0.2674

■ 29.0100, 0.3969,
0.4680

■ 33.3569, 0.2643,
0.2490

■ 28.8739, 0.4061,
0.4832

■ 34.1460, 0.2541,
0.2321

■ 28.7789, 0.4128,
0.4943

■ 35.0080, 0.2449,
0.2169

■ 28.7204, 0.4171,
0.5014

■ 35.9447, 0.2365,
0.2031

■ 28.6883, 0.4194,
0.5052

■ 35.9600, 0.2364,
0.2029

Harmonies

Analogous

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



30.4338, 0.3396, 0.3516



30.4338, 0.3290, 0.3559



30.4338, 0.3142, 0.3526

Triad

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



30.4338, 0.3290, 0.3559



30.4338, 0.2834, 0.3154



30.4338, 0.3260, 0.3160

Complementary

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



30.4338, 0.3290, 0.3559



24.3556, 0.2955, 0.3006

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.



30.4338, 0.3107, 0.3068



30.4338, 0.3290, 0.3559



30.4338, 0.2864, 0.3062

Square

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



30.4338, 0.3290, 0.3559



30.4338, 0.2881, 0.3287



30.4338, 0.2962, 0.3032



30.4338, 0.3379, 0.3285

Rectangle

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



30.4338, 0.3290, 0.3559



30.4338, 0.3040, 0.3465



30.4338, 0.2962, 0.3032



30.4338, 0.3210, 0.3124

Sweetspot

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



30.4351, 0.3290, 0.3559



55.1569, 0.3171, 0.3362



25.3594, 0.3319, 0.3286



12.5216, 0.3182, 0.3380



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.4351, 0.3290, 0.3559



54.2727, 0.3334, 0.3632



29.6788, 0.3204, 0.3566



7.2223, 0.3260, 0.3510



24.4021, 0.4194, 0.5052



0.3650, 0.4194, 0.5052

Inverse Universe

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



24.3556, 0.2955, 0.3006



40.7515, 0.2905, 0.2923



25.0550, 0.3043, 0.3013



6.0269, 0.2988, 0.3060



1.9026, 0.1500, 0.0601



0.0286, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 30.4338, 0.3290, 0.3559 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 30.4338, 0.3290, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

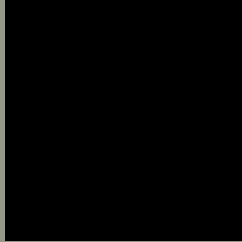
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4338, 0.3290, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 30.4338, 0.3290, 0.3559.



This preview shows how white text looks on a background with the Yxy color 30.4338, 0.3290, 0.3559.

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

30.4338, 0.3290, 0.3559

Protanopia

30.2563, 0.3357, 0.3540

Deuteranopia

30.2418, 0.3502, 0.3425



Tritanopia

30.3392, 0.3095, 0.3108

Trichromacy



Original Color

30.4338, 0.3290, 0.3559

Protanomaly

30.3762, 0.3333, 0.3557

Deuteranomaly

30.4032, 0.3417, 0.3474

Tritanomaly

30.2518, 0.3170, 0.3259

Monochromacy



Original Color

30.4338, 0.3290, 0.3559

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.3103, 0.3184, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4338, 0.3290, 0.3559 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(151, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 151, 134)  
}
```

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(151, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 151, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.4338, 0.3290, 0.3559 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(151, 151, 134) }
```

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

```
.border{ border-color:rgb(151, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 151, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 151, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 151,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4338, 0.3290, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 151, 134) }
```

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

```
.background{ background-color: rgb(151,  
151, 134) }
```

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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