

Converting Colors

$Y_{xy}(29.1258, 0.3138, 0.3050)$

Have a look what the booklet for
Yxy(29.1258, 0.3138, 0.3050)
contains.

Yxy(29.0837, 0.3139, 0.3048)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0837, 0.3139, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	9E8E9E
RGB	158, 142, 158
RGB Percent	62%, 56%, 62%
CMY	0.3802, 0.4432, 0.3804
CMYK	0.00, 0.10, 0.00, 0.38
HSL	300°, 8%, 59%
HSV	300°, 10%, 62%
XYZ	29.9520, 29.0837, 36.3833
YIQ	148.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

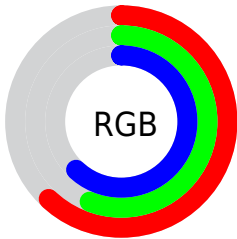
Format	Color
R_{YB}	158, 142, 158
Decimal	10391198
CIE _{Lab}	60.86, 8.98, -6.28
CIE _{LCh}	61, 10.954, 325.043
Yxy	29.0837, 0.3139, 0.3048
Android (android.graphics.Color)	4288581278 (0xFF9E8E9E)
YUV	148.6080, 4.6303, 8.2368
Hunter-Lab	53.9293, 4.7615, -2.2493

Details

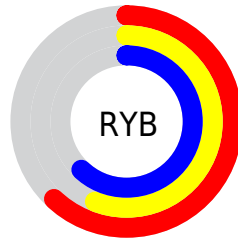
The Yxy color $29.0837, 0.3139, 0.3048$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.1738, 0.3115, 0.3544$, and the grayscale version is $29.8633, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4301, 0.3136, 0.3096$, and $11.8416, 0.3142, 0.2966$ is the 20% darker color. If you saturate the color by 10%, you get $24.7096, 0.3151, 0.2805$, and if you desaturate by 10%, it is $34.1272, 0.3127, 0.3286$.

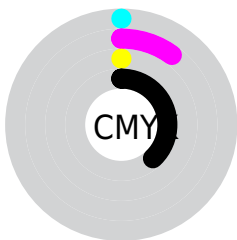
Distribution



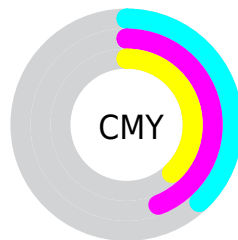
- Red (62%)
- Green (56%)
- Blue (62%)



- Red (62%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (38%)




- Cyan (38%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0837, 0.3139, 0.3048 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 29.0837, 0.3139, 0.3048 by changing the saturation by 10% instead.

 29.0837, 0.3139,
0.3048


 29.0837, 0.3139,
0.3048


297.6097, 0.3134,
0.3176

 19.1441, 0.3140,
0.3013

 58.2100, 0.3137,
0.3097

 11.7745, 0.3141,
0.2967


 78.1656, 0.3136,
0.3114

 6.5903, 0.3143,
0.2902


 102.2287, 0.3136,
0.3129

 3.2072, 0.3144,
0.2805

130.7836, 0.3135,
0.3141

 1.2409, 0.3143,
0.2643

164.2147, 0.3135,
0.3152

 0.0947, 0.3269,
0.1001

202.9065, 0.3134,

 0.0000, 0.0000,

0.3161

0.0000

247.2434, 0.3134,
0.3169

■ 29.0837, 0.3139,
0.3048

■ 29.0837, 0.3139,
0.3048

■ 24.7096, 0.3151,
0.2805

■ 34.1272, 0.3127,
0.3286

■ 20.9731, 0.3163,
0.2562

■ 39.8625, 0.3116,
0.3514

■ 17.8457, 0.3175,
0.2329

■ 46.3157, 0.3106,
0.3729

■ 15.2950, 0.3185,
0.2114

■ 53.5105, 0.3096,
0.3928

■ 13.2858, 0.3195,
0.1926

■ 61.4695, 0.3087,
0.4111

■ 11.7790, 0.3203,
0.1773

■ 70.2141, 0.3079,
0.4278

■ 10.7303, 0.3209,
0.1659

■ 79.7652, 0.3072,
0.4430

■ 10.0875, 0.3214,
0.1587

■ 81.2752, 0.3071,
0.4451

■ 9.7286, 0.3216,
0.1545

■ 81.2767, 0.3071,
0.4451

Harmonies

Analogous

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



29.0837, 0.2964, 0.2991



29.0837, 0.3139, 0.3048



29.0837, 0.3315, 0.3165

Triad

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



29.0837, 0.3139, 0.3048



29.0837, 0.3424, 0.3571



29.0837, 0.2822, 0.3252

Complementary

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



29.0837, 0.3139, 0.3048



32.1738, 0.3115, 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.



29.0837, 0.2939, 0.3418



29.0837, 0.3139, 0.3048



29.0837, 0.3285, 0.3606

Square

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



29.0837, 0.3139, 0.3048



29.0837, 0.3482, 0.3463



29.0837, 0.3108, 0.3550



29.0837, 0.2785, 0.3103

Rectangle

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



29.0837, 0.3139, 0.3048



29.0837, 0.3408, 0.3263



29.0837, 0.3108, 0.3550



29.0837, 0.2853, 0.3308

Sweetspot

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



29.0850, 0.3139, 0.3048



59.1553, 0.3131, 0.3218



27.5623, 0.2973, 0.3035



13.1716, 0.3132, 0.3200



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.0850, 0.3139, 0.3048



51.0395, 0.3141, 0.2998



28.8189, 0.3219, 0.3167



6.7543, 0.3138, 0.3070



7.7865, 0.3216, 0.1545



0.1393, 0.3213, 0.1544

Inverse Universe

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



29.0850, 0.3139, 0.3048



51.0395, 0.3141, 0.2998



32.4224, 0.3044, 0.3416



6.7543, 0.3138, 0.3070



7.7865, 0.3216, 0.1545



0.1393, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 29.0837, 0.3139, 0.3048 looks on a white background.

Color Contrast Check

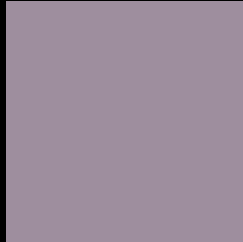
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0837, 0.3139, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

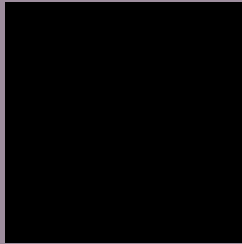
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0837, 0.3139, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 29.0837, 0.3139, 0.3048.



This preview shows how white text looks on a background with the Yxy color 29.0837, 0.3139, 0.3048.

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

29.0837, 0.3139, 0.3048

Protanopia

29.2068, 0.2995, 0.3072

Deuteranopia

29.1815, 0.3117, 0.3062



Tritanopia

29.1461, 0.3167, 0.3122

Trichromacy



Original Color

29.0837, 0.3139, 0.3048

Protanomaly

29.2380, 0.3045, 0.3074

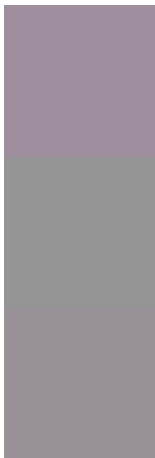
Deuteranomaly

29.2816, 0.3127, 0.3063

Tritanomaly

29.1796, 0.3157, 0.3107

Monochromacy



Original Color

29.0837, 0.3139, 0.3048

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5002, 0.3132, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0837, 0.3139, 0.3048 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(158, 142, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 142, 158)  
}
```

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(158, 142, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 142, 158) }
```

Border

The CSS property to change the border of an element to Yxy 29.0837, 0.3139, 0.3048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

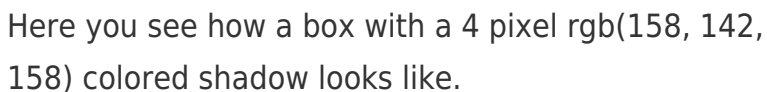
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 142, 158) }
```

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

```
.border{ border-color:rgb(158, 142, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 142, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 142, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 142, 158);  
box-shadow:4px 4px 4px 4px rgb(158, 142,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0837, 0.3139, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 142, 158) }
```

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

```
.background{ background-color: rgb(158,  
142, 158) }
```

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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