

Converting Colors

$Yxy(29.1643, 0.3114, 0.3031)$

Have a look what the booklet for
Yxy(29.1643, 0.3114, 0.3031)
contains.

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Color

Yxy(29.0522, 0.3108, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	9D8EA0
RGB	157, 142, 160
RGB Percent	62%, 56%, 63%
CMY	0.3844, 0.4431, 0.3725
CMYK	0.02, 0.11, 0.00, 0.37
HSL	290°, 9%, 59%
HSV	290°, 11%, 63%
XYZ	29.9186, 29.0522, 37.2923
YIQ	148.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

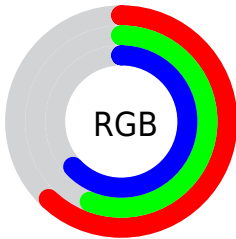
Format	Color
RYB	157, 142, 160
Decimal	10325664
CIELab	60.83, 8.97, -7.47
CIELCh	61, 11.674, 320.213
Yxy	29.0522, 0.3108, 0.3018
Android (android.graphics.Color)	4288515744 (0xFF9D8EA0)
YUV	148.5370, 5.6513, 7.4221
Hunter-Lab	53.9001, 4.7556, -3.2914

Details

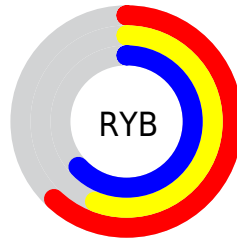
The Yxy color **29.0522, 0.3108, 0.3018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1231, 0.3143, 0.3572**, and the grayscale version is **29.8247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3832, 0.3114, 0.3073**, and **11.8226, 0.3098, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **24.3594, 0.3087, 0.2766**, and if you desaturate by 10%, it is **34.4371, 0.3125, 0.3261**.

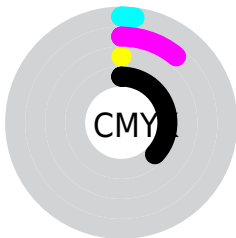
Distribution



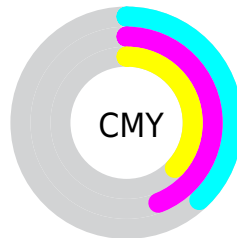
- Red (62%)
- Green (56%)
- Blue (63%)



- Red (62%)
- Yellow (56%)
- Blue (63%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (37%)





- Cyan (38%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0522, 0.3108, 0.3018 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 29.0522, 0.3108, 0.3018 by changing the saturation by 10% instead.


 29.0522, 0.3108,
0.3018


 29.0522, 0.3108,
0.3018


297.4612, 0.3119,
0.3162


 19.1203, 0.3104,
0.2979

 58.1600, 0.3113,
0.3072

 11.7572, 0.3099,
0.2927


 78.1047, 0.3114,
0.3092

 6.5786, 0.3092,
0.2855


 102.1558, 0.3116,
0.3109

 3.2000, 0.3078,
0.2746

130.6977, 0.3117,
0.3123

 1.2370, 0.3053,
0.2567

164.1148, 0.3117,
0.3135

 0.0916, 0.3001,
0.0899

202.7915, 0.3118,

 0.0000, 0.0000,

0.3145

0.0000

247.1122, 0.3119,
0.3154

■ 29.0522, 0.3108,
0.3018

■ 29.0522, 0.3108,
0.3018

■ 24.3594, 0.3087,
0.2766

■ 34.4371, 0.3125,
0.3261

■ 20.3258, 0.3061,
0.2510

■ 40.5376, 0.3139,
0.3490

■ 16.9217, 0.3030,
0.2257

■ 47.3807, 0.3149,
0.3703

■ 14.1134, 0.2995,
0.2018

■ 54.9909, 0.3157,
0.3899

■ 11.8641, 0.2957,
0.1801

■ 63.3917, 0.3162,
0.4078

■ 10.1331, 0.2915,
0.1617

■ 72.6054, 0.3166,
0.4240

■ 8.8737, 0.2872,
0.1473

■ 82.6535, 0.3168,
0.4387

■ 8.0311, 0.2828,
0.1372

■ 83.5950, 0.3183,
0.4390

■ 7.5220, 0.2790,
0.1310

■ 83.9195, 0.3200,
0.4385

Harmonies

Analogous

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



29.0522, 0.2927, 0.2970



29.0522, 0.3108, 0.3018



29.0522, 0.3299, 0.3133

Triad

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



29.0522, 0.3108, 0.3018



29.0522, 0.3460, 0.3576



29.0522, 0.2817, 0.3278

Complementary

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



29.0522, 0.3108, 0.3018



33.1231, 0.3143, 0.3572

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.



29.0522, 0.2952, 0.3454



29.0522, 0.3108, 0.3018



29.0522, 0.3324, 0.3628

Square

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



29.0522, 0.3108, 0.3018



29.0522, 0.3506, 0.3450



29.0522, 0.3137, 0.3584



29.0522, 0.2763, 0.3112

Rectangle

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



29.0522, 0.3108, 0.3018



29.0522, 0.3406, 0.3235



29.0522, 0.3137, 0.3584



29.0522, 0.2854, 0.3338

Sweetspot

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



29.0534, 0.3108, 0.3018



60.6543, 0.3122, 0.3218



28.6371, 0.2956, 0.3058



13.1295, 0.3121, 0.3199



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.



29.0534, 0.3108, 0.3018



50.9392, 0.3104, 0.2968



29.1682, 0.3196, 0.3104



6.6978, 0.3112, 0.3068



5.8753, 0.2794, 0.1313



0.1188, 0.2972, 0.1411

Inverse Universe

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



28.8708, 0.3291, 0.3244



50.5588, 0.3324, 0.3235



33.0259, 0.3064, 0.3483



6.6635, 0.3259, 0.3252



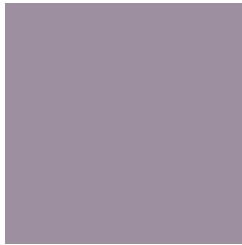
5.8883, 0.6111, 0.3140



0.1098, 0.5272, 0.2678

Previews

White Background



This preview shows how the Yxy color 29.0522, 0.3108, 0.3018 looks on a white background.

Color Contrast Check

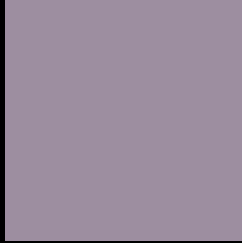
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0522, 0.3108, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

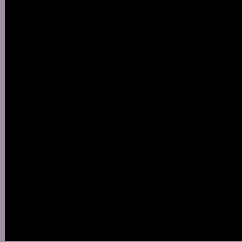
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0522, 0.3108, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 29.0522, 0.3108, 0.3018.



This preview shows how white text looks on a background with the Yxy color 29.0522, 0.3108, 0.3018.

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

29.0522, 0.3108, 0.3018

Protanopia

29.1861, 0.2967, 0.3041

Deuteranopia

29.1515, 0.3087, 0.3032



Tritanopia

29.0459, 0.3156, 0.3122

Trichromacy



Original Color

29.0522, 0.3108, 0.3018

Protanomaly

29.2136, 0.3016, 0.3043

Deuteranomaly

29.2509, 0.3098, 0.3033

Tritanomaly

29.1131, 0.3136, 0.3092

Monochromacy



Original Color

29.0522, 0.3108, 0.3018

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5331, 0.3122, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0522, 0.3108, 0.3018 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(157, 142, 160)` looks like.

```
.text, #text, p{  
    color:rgb(157, 142, 160)  
}
```

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(157, 142, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 142, 160) }
```

Border

The CSS property to change the border of an element to Yxy 29.0522, 0.3108, 0.3018 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(157, 142, 160) }
```

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

```
.border{ border-color:rgb(157, 142, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 142, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 142, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 142, 160);  
box-shadow:4px 4px 4px 4px rgb(157, 142,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0522, 0.3108, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 142, 160) }
```

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

```
.background{ background-color: rgb(157,  
142, 160) }
```

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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