

Converting Colors

$Y_{xy}(28.0565, 0.3240, 0.3037)$

Have a look what the booklet for
Yxy(28.0565, 0.3240, 0.3037)
contains.

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Color

Yxy(28.0109, 0.3238, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	A3899A
RGB	163, 137, 154
RGB Percent	64%, 54%, 60%
CMY	0.3607, 0.4628, 0.3961
CMYK	0.00, 0.16, 0.06, 0.36
HSL	321°, 12%, 59%
HSV	321°, 16%, 64%
XYZ	29.8844, 28.0109, 34.3976
YIQ	146.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

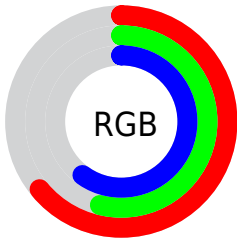
Format	Color
RYB	163, 137, 154
Decimal	10717594
CIELab	59.90, 12.85, -5.35
CIELCh	60, 13.917, 337.376
Yxy	28.0109, 0.3238, 0.3035
Android (android.graphics.Color)	4288907674 (0xFFA3899A)
YUV	146.7120, 3.5930, 14.2846
Hunter-Lab	52.9253, 8.1713, -1.4864

Details

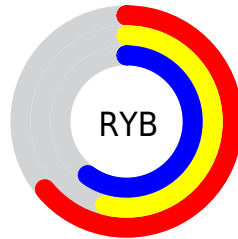
The Yxy color **28.0109, 0.3238, 0.3035** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5955, 0.3031, 0.3559**, and the grayscale version is **29.0353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2864, 0.3218, 0.3085**, and **11.1752, 0.3273, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **23.5382, 0.3324, 0.2868**, and if you desaturate by 10%, it is **33.1952, 0.3165, 0.3197**.

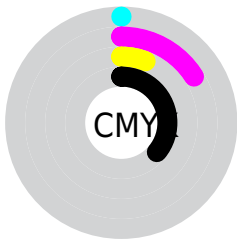
Distribution



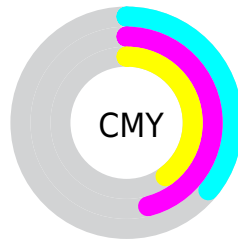
- Red (64%)
- Green (54%)
- Blue (60%)



- Red (64%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0109, 0.3238, 0.3035 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 28.0109, 0.3238, 0.3035 by changing the saturation by 10% instead.


 28.0109, 0.3238,
0.3035

 28.0109, 0.3238,
0.3035


292.5190, 0.3179,
0.3171


 18.3339, 0.3254,
0.2998


 56.5018, 0.3216,
0.3086

 11.1900, 0.3275,
0.2949


 76.0846, 0.3208,
0.3105

 6.1948, 0.3305,
0.2879


 99.7379, 0.3201,
0.3121

 2.9639, 0.3350,
0.2775

127.8464, 0.3195,
0.3134

 1.1129, 0.3425,
0.2599

160.7944, 0.3190,
0.3145

 0.0000, 0.4555,
0.0000

198.9662, 0.3186,

 0.0000, 0.0000,

0.3155

0.0000

242.7463, 0.3182,
0.3163

■ 28.0109, 0.3238,
0.3035

■ 28.0109, 0.3238,
0.3035

■ 23.5382, 0.3324,
0.2868

■ 33.1952, 0.3165,
0.3197

■ 19.7421, 0.3423,
0.2700

■ 39.1168, 0.3104,
0.3351

■ 16.5898, 0.3537,
0.2538

■ 45.8048, 0.3052,
0.3495

■ 14.0446, 0.3665,
0.2390

■ 53.2856, 0.3009,
0.3629

■ 12.0661, 0.3805,
0.2268

■ 61.5841, 0.2973,
0.3753

■ 10.6089, 0.3953,
0.2180

■ 70.7245, 0.2943,
0.3867

■ 9.6204, 0.4104,
0.2137

■ 80.7296, 0.2918,
0.3971

■ 9.0296, 0.4253,
0.2143

■ 83.4438, 0.2891,
0.3941

■ 8.8382, 0.4315,
0.2151

■ 83.7120, 0.2862,
0.3872

Harmonies

Analogous

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



28.0109, 0.3005, 0.2928



28.0109, 0.3238, 0.3035



28.0109, 0.3448, 0.3204

Triad

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



28.0109, 0.3238, 0.3035



28.0109, 0.3445, 0.3684



28.0109, 0.2704, 0.3154

Complementary

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



28.0109, 0.3238, 0.3035



33.5955, 0.3031, 0.3559

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.



28.0109, 0.2813, 0.3368



28.0109, 0.3238, 0.3035



28.0109, 0.3238, 0.3684

Square

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



28.0109, 0.3238, 0.3035



28.0109, 0.3568, 0.3576



28.0109, 0.3006, 0.3567



28.0109, 0.2703, 0.2988

Rectangle

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



28.0109, 0.3238, 0.3035



28.0109, 0.3542, 0.3334



28.0109, 0.3006, 0.3567



28.0109, 0.2729, 0.3222

Sweetspot

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



28.0121, 0.3238, 0.3035



60.3028, 0.3159, 0.3211



26.6169, 0.2963, 0.2883



13.3934, 0.3164, 0.3200



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.



28.0121, 0.3238, 0.3035



47.2991, 0.3266, 0.2979



27.6125, 0.3373, 0.3224



7.1602, 0.3188, 0.3144



6.8760, 0.4302, 0.2143



0.1529, 0.3821, 0.1879

Inverse Universe

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



28.0121, 0.3238, 0.3035



47.2991, 0.3266, 0.2979



34.0115, 0.2926, 0.3357



7.1602, 0.3188, 0.3144



6.8760, 0.4302, 0.2143



0.1529, 0.3821, 0.1879

Previews

White Background



This preview shows how the Yxy color 28.0109, 0.3238, 0.3035 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 28.0109, 0.3238, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

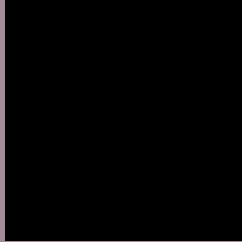
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0109, 0.3238, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 28.0109, 0.3238, 0.3035.



This preview shows how white text looks on a background with the Yxy color 28.0109, 0.3238, 0.3035.

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

28.0109, 0.3238, 0.3035

Protanopia

27.9532, 0.2983, 0.3052

Deuteranopia

27.9261, 0.3147, 0.3089



Tritanopia

28.0283, 0.3278, 0.3123

Trichromacy



Original Color

28.0109, 0.3238, 0.3035

Protanomaly

27.9681, 0.3065, 0.3041

Deuteranomaly

27.9332, 0.3180, 0.3075

Tritanomaly

28.0927, 0.3257, 0.3094

Monochromacy



Original Color

28.0109, 0.3238, 0.3035

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6192, 0.3164, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0109, 0.3238, 0.3035 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(163, 137, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 154)  
}
```

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(163, 137, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 154) }
```

Border

The CSS property to change the border of an element to Yxy 28.0109, 0.3238, 0.3035 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(163, 137, 154) }
```

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

```
.border{ border-color:rgb(163, 137, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 137, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0109, 0.3238, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 154) }
```

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

```
.background{ background-color: rgb(163,  
137, 154) }
```

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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