

Converting Colors

$Y_{xy}(28.9904, 0.3181, 0.3122)$

Have a look what the booklet for
Yxy(28.9904, 0.3181, 0.3122)
contains.

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Color

Yxy(28.9150, 0.3188, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	9E8E99
RGB	158, 142, 153
RGB Percent	62%, 56%, 60%
CMY	0.3805, 0.4431, 0.4001
CMYK	0.00, 0.10, 0.03, 0.38
HSL	319°, 8%, 59%
HSV	319°, 10%, 62%
XYZ	29.5168, 28.9150, 34.1554
YIQ	148.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

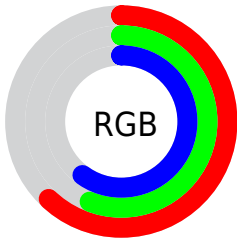
Format	Color
R _Y B	158, 142, 153
Decimal	10391193
CIE Lab	60.71, 7.96, -3.64
CIE LCh	61, 8.756, 335.434
Yxy	28.9150, 0.3188, 0.3123
Android (android.graphics.Color)	4288581273 (0xFF9E8E99)
YUV	148.0380, 2.4463, 8.7367
Hunter-Lab	53.7727, 3.8798, -0.0191

Details

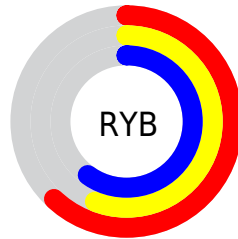
The Yxy color $28.9150, 0.3188, 0.3123$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.3002, 0.3071, 0.3463$, and the grayscale version is $29.6174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1310, 0.3181, 0.3164$, and $11.7394, 0.3216, 0.3072$ is the 20% darker color. If you saturate the color by 10%, you get $24.3837, 0.3259, 0.2951$, and if you desaturate by 10%, it is $34.1217, 0.3128, 0.3288$.

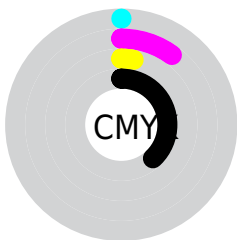
Distribution



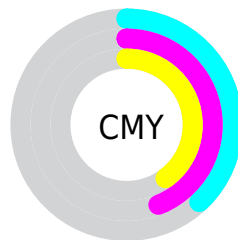
- Red (62%)
- Green (56%)
- Blue (60%)



- Red (62%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9150, 0.3188, 0.3123 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 28.9150, 0.3188, 0.3123 by changing the saturation by 10% instead.


 28.9150, 0.3188,
0.3123


 28.9150, 0.3188,
0.3123

296.8137, 0.3156,
0.3212

 19.0165, 0.3197,
0.3099


 57.9420, 0.3176,
0.3157

 11.6822, 0.3208,
0.3066


 77.8393, 0.3171,
0.3169

 6.5277, 0.3225,
0.3020


 101.8384, 0.3168,
0.3179

 3.1685, 0.3250,
0.2951

130.3236, 0.3165,
0.3188

 1.2203, 0.3291,
0.2833

163.6794, 0.3162,
0.3195

 0.0782, 0.3914,
0.1139

202.2900, 0.3160,

 0.0000, 0.0000,

0.3202

0.0000

246.5400, 0.3158,
0.3207

■ 28.9150, 0.3188,
0.3123

■ 28.9150, 0.3188,
0.3123

■ 24.3837, 0.3259,
0.2951

■ 34.1217, 0.3128,
0.3288

■ 20.4961, 0.3341,
0.2775

■ 40.0264, 0.3077,
0.3445

■ 17.2236, 0.3436,
0.2601

■ 46.6552, 0.3034,
0.3590

■ 14.5338, 0.3543,
0.2437

■ 54.0317, 0.2998,
0.3725

■ 12.3915, 0.3661,
0.2292

■ 62.1786, 0.2968,
0.3849

■ 10.7576, 0.3787,
0.2176

■ 71.1174, 0.2944,
0.3963

■ 9.5877, 0.3918,
0.2099

■ 80.8690, 0.2923,
0.4067

■ 8.8298, 0.4049,
0.2069

■ 82.6109, 0.2899,
0.4030

■ 8.3618, 0.4178,
0.2075

■ 82.8339, 0.2874,
0.3969

Harmonies

Analogous

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



28.9150, 0.3043, 0.3058



28.9150, 0.3188, 0.3123



28.9150, 0.3319, 0.3230

Triad

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



28.9150, 0.3188, 0.3123



28.9150, 0.3332, 0.3533



28.9150, 0.2863, 0.3216

Complementary

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



28.9150, 0.3188, 0.3123



32.3002, 0.3071, 0.3463

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.



28.9150, 0.2937, 0.3348



28.9150, 0.3188, 0.3123



28.9150, 0.3207, 0.3534

Square

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



28.9150, 0.3188, 0.3123



28.9150, 0.3403, 0.3465



28.9150, 0.3062, 0.3466



28.9150, 0.2858, 0.3108

Rectangle

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



28.9150, 0.3188, 0.3123



28.9150, 0.3380, 0.3312



28.9150, 0.3062, 0.3466



28.9150, 0.2881, 0.3259

Sweetspot

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



28.9163, 0.3188, 0.3123



59.0624, 0.3145, 0.3240



28.0035, 0.3022, 0.3040



13.1454, 0.3149, 0.3228



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.



28.9163, 0.3188, 0.3123



50.6747, 0.3202, 0.3087



28.6676, 0.3267, 0.3241



6.7193, 0.3182, 0.3137



6.7076, 0.4168, 0.2070



0.1272, 0.3709, 0.1817

Inverse Universe

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



28.9163, 0.3188, 0.3123



50.6747, 0.3202, 0.3087



32.5527, 0.3003, 0.3339



6.7193, 0.3182, 0.3137



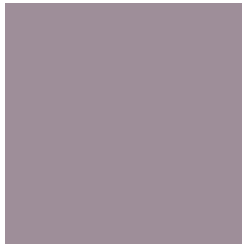
6.7076, 0.4168, 0.2070



0.1272, 0.3709, 0.1817

Previews

White Background



This preview shows how the Yxy color 28.9150, 0.3188, 0.3123 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 28.9150, 0.3188, 0.3123 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

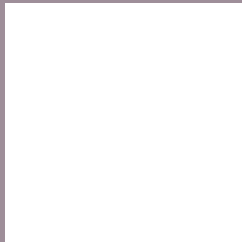
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9150, 0.3188, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 28.9150, 0.3188, 0.3123.



This preview shows how white text looks on a background with the Yxy color 28.9150, 0.3188, 0.3123.

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

28.9150, 0.3188, 0.3123

Protanopia

29.1274, 0.3052, 0.3149

Deuteranopia

28.9150, 0.3188, 0.3123



Tritanopia

28.9150, 0.3188, 0.3123

Trichromacy



Original Color

28.9150, 0.3188, 0.3123

Protanomaly

29.1632, 0.3103, 0.3150

Deuteranomaly

28.9150, 0.3188, 0.3123

Tritanomaly

28.9150, 0.3188, 0.3123

Monochromacy



Original Color

28.9150, 0.3188, 0.3123

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.4352, 0.3151, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9150, 0.3188, 0.3123 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 142, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 142, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.9150, 0.3188, 0.3123 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, 153) }
```

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

```
.border{ border-color:rgb(158, 142, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 142,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9150, 0.3188, 0.3123 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, 153) }
```

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

```
.background{ background-color: rgb(158,  
142, 153) }
```

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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