

Converting Colors

$Y_{xy}(28.1233, 0.3050, 0.3071)$

Have a look what the booklet for
Yxy(28.1233, 0.3050, 0.3071)
contains.

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Color

Yxy(28.0422, 0.3054, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	948E9C
RGB	148, 142, 156
RGB Percent	58%, 56%, 61%
CMY	0.4195, 0.4431, 0.3883
CMYK	0.05, 0.09, 0.00, 0.39
HSL	266°, 7%, 58%
HSV	266°, 9%, 61%
XYZ	27.8870, 28.0422, 35.3838
YIQ	145.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

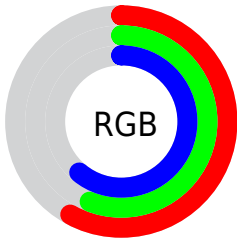
Format	Color
R_{YB}	148, 142, 156
Decimal	9735836
CIE _{Lab}	59.93, 4.97, -6.59
CIE _{LCh}	60, 8.260, 307.024
Yxy	28.0422, 0.3054, 0.3071
Android (android.graphics.Color)	4287925916 (0xFF948E9C)
YUV	145.3900, 5.2307, 2.2890
Hunter-Lab	52.9549, 1.3302, -2.5484

Details

The Yxy color $28.0422, 0.3054, 0.3071$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.2016, 0.3196, 0.3508$, and the grayscale version is $28.4618, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6896, 0.3072, 0.3125$, and $11.2156, 0.3019, 0.2994$ is the 20% darker color. If you saturate the color by 10%, you get $22.9253, 0.2960, 0.2806$, and if you desaturate by 10%, it is $33.8745, 0.3135, 0.3314$.

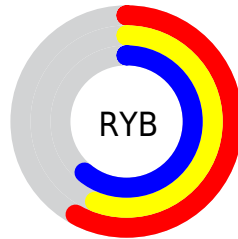
Distribution



Red (58%)

Green (56%)

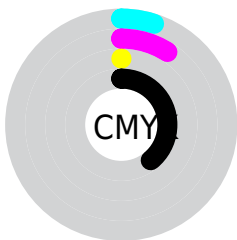
Blue (61%)



Red (58%)

Yellow (56%)

Blue (61%)

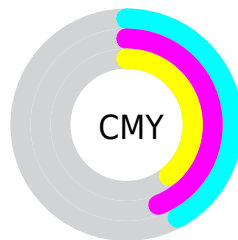


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (44%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0422, 0.3054, 0.3071 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 28.0422, 0.3054, 0.3071 by changing the saturation by 10% instead.

■ 28.0422, 0.3054,
0.3071

■ 28.0422, 0.3054,
0.3071

■ 292.6685, 0.3094,
0.3188

■ 18.3575, 0.3043,
0.3039

■ 56.5518, 0.3070,
0.3116

■ 11.2069, 0.3027,
0.2995

■ 76.1455, 0.3075,
0.3132

■ 6.2062, 0.3004,
0.2934

■ 99.8109, 0.3080,
0.3145

■ 2.9709, 0.2969,
0.2841

■ 127.9325, 0.3084,
0.3157

■ 1.1165, 0.2905,
0.2682

■ 160.8947, 0.3087,
0.3166

■ 0.0000, 0.2009,
0.0000

■ 199.0818, 0.3090,

■ 0.0000, 0.0000,

0.3175

0.0000

242.8783, 0.3092,
0.3182

■ 28.0422, 0.3054,
0.3071

■ 28.0422, 0.3054,
0.3071

■ 22.9253, 0.2960,
0.2806

■ 33.8745, 0.3135,
0.3314

■ 18.4921, 0.2852,
0.2523

■ 40.4452, 0.3204,
0.3535

■ 14.7135, 0.2731,
0.2226

■ 47.7809, 0.3262,
0.3733

■ 11.5571, 0.2598,
0.1926

■ 55.9055, 0.3311,
0.3910

■ 8.9876, 0.2456,
0.1636

■ 64.8420, 0.3352,
0.4067

6.9660, 0.2311,
0.1369

74.6124, 0.3386,
0.4207

5.4483, 0.2170,
0.1141

85.2380, 0.3414,
0.4332

4.3836, 0.2038,
0.0965

88.9905, 0.3465,
0.4344

3.6667, 0.1920,
0.0838

90.4056, 0.3526,
0.4323

Harmonies

Analogous

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



28.0422, 0.2937, 0.3062



28.0422, 0.3054, 0.3071



28.0422, 0.3193, 0.3135

Triad

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



28.0422, 0.3054, 0.3071



28.0422, 0.3388, 0.3462



28.0422, 0.2941, 0.3339

Complementary

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



28.0422, 0.3054, 0.3071



32.2016, 0.3196, 0.3508

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.



28.0422, 0.3058, 0.3453



28.0422, 0.3054, 0.3071



28.0422, 0.3318, 0.3523

Square

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



28.0422, 0.3054, 0.3071



28.0422, 0.3388, 0.3357



28.0422, 0.3196, 0.3521



28.0422, 0.2873, 0.3214

Rectangle

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



28.0422, 0.3054, 0.3071



28.0422, 0.3279, 0.3201



28.0422, 0.3196, 0.3521



28.0422, 0.2976, 0.3380

Sweetspot

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



28.0434, 0.3054, 0.3071



57.0434, 0.3103, 0.3217



30.0117, 0.2993, 0.3198



12.3706, 0.3097, 0.3199



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.0434, 0.3054, 0.3071



48.7408, 0.3034, 0.3013



28.6956, 0.3125, 0.3076



6.5679, 0.3051, 0.3063



2.9847, 0.1916, 0.0829



0.0779, 0.2380, 0.1085

Inverse Universe

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



28.6124, 0.3197, 0.3168



50.0236, 0.3217, 0.3136



31.5760, 0.3128, 0.3512



6.7062, 0.3200, 0.3163



6.4206, 0.4630, 0.2324



0.1232, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 28.0422, 0.3054, 0.3071 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 28.0422, 0.3054, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

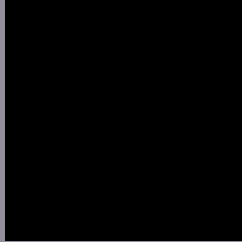
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

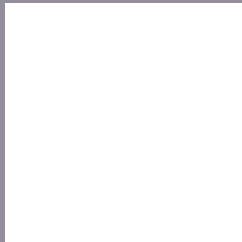
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.0422, 0.3054, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 28.0422, 0.3054, 0.3071.

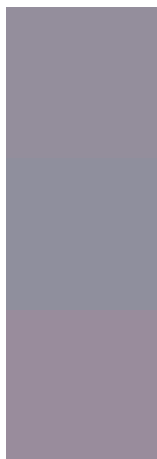


This preview shows how white text looks on a background with the Yxy color 28.0422, 0.3054, 0.3071.

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

28.0422, 0.3054, 0.3071

Protanopia

27.9189, 0.2993, 0.3068

Deuteranopia

27.9288, 0.3107, 0.3043



Tritanopia

27.9750, 0.3073, 0.3101

Trichromacy



Original Color

28.0422, 0.3054, 0.3071

Protanomaly

28.0990, 0.3013, 0.3069

Deuteranomaly

28.0294, 0.3085, 0.3057

Tritanomaly

28.0085, 0.3063, 0.3086

Monochromacy



Original Color

28.0422, 0.3054, 0.3071

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2274, 0.3099, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0422, 0.3054, 0.3071 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(148, 142, 156)` looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 156)  
}
```

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(148, 142, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 156) }
```

Border

The CSS property to change the border of an element to Yxy 28.0422, 0.3054, 0.3071 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(148, 142, 156) }
```

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

```
.border{ border-color:rgb(148, 142, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 142, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 142, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 142, 156);  
box-shadow:4px 4px 4px 4px rgb(148, 142,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0422, 0.3054, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 142, 156) }
```

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

```
.background{ background-color: rgb(148,  
142, 156) }
```

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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