

Converting Colors

$Y_{xy}(28.1934, 0.2977, 0.2964)$

Have a look what the booklet for
Yxy(28.1934, 0.2977, 0.2964)
contains.

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Color

Yxy(28.1934, 0.2977, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	938EA3
RGB	147, 142, 163
RGB Percent	58%, 56%, 64%
CMY	0.4235, 0.4431, 0.3607
CMYK	0.10, 0.13, 0.00, 0.36
HSL	254°, 10%, 60%
HSV	254°, 13%, 64%
XYZ	28.3171, 28.1934, 38.6090
YIQ	145.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

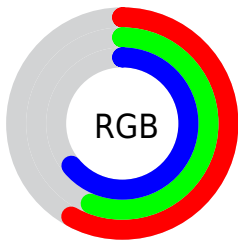
Format	Color
RYB	147, 142, 163
Decimal	9670307
CIELab	60.06, 6.09, -10.42
CIElCh	60, 12.064, 300.295
Yxy	28.1934, 0.2977, 0.2964
Android (android.graphics.Color)	4287860387 (0xFF938EA3)
YUV	145.8890, 8.4357, 0.9743
Hunter-Lab	53.0975, 2.2741, -5.9436

Details

The Yxy color **28.1934, 0.2977, 0.2964** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4268, 0.3266, 0.3606**, and the grayscale version is **28.6634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9593, 0.3008, 0.3033**, and **11.2888, 0.2922, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **22.6053, 0.2841, 0.2681**, and if you desaturate by 10%, it is **34.6175, 0.3096, 0.3221**.

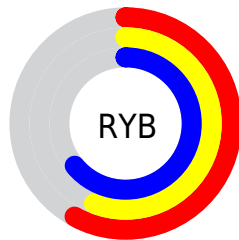
Distribution



Red (58%)

Green (56%)

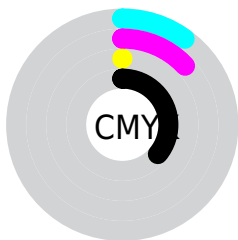
Blue (64%)



Red (58%)

Yellow (56%)

Blue (64%)

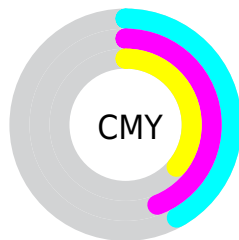


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1934, 0.2977, 0.2964 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 28.1934, 0.2977, 0.2964 by changing the saturation by 10% instead.

■ 28.1934, 0.2977,
0.2964

■ 28.1934, 0.2977,
0.2964

■ 293.3899, 0.3059,
0.3138

■ 18.4715, 0.2954,
0.2917

■ 56.7931, 0.3009,
0.3030

■ 11.2890, 0.2922,
0.2854

■ 76.4396, 0.3020,
0.3054

■ 6.2616, 0.2877,
0.2765

■ 100.1632, 0.3029,
0.3074

■ 3.0048, 0.2807,
0.2632

■ 128.3481, 0.3037,
0.3090

■ 1.1342, 0.2684,
0.2410

■ 161.3789, 0.3044,
0.3105

■ 0.0070, 0.1728,
0.0078

■ 199.6399, 0.3050,

■ 0.0000, 0.0000,

0.3117

0.0000

243.5154, 0.3055,
0.3128

■ 28.1934, 0.2977,
0.2964

■ 28.1934, 0.2977,
0.2964

■ 22.6053, 0.2841,
0.2681

■ 34.6175, 0.3096,
0.3221

■ 17.8151, 0.2689,
0.2375

■ 41.9066, 0.3199,
0.3450

■ 13.7869, 0.2521,
0.2053

■ 50.0927, 0.3286,
0.3654

■ 10.4807, 0.2344,
0.1729

■ 59.2051, 0.3361,
0.3832

■ 7.8527, 0.2164,
0.1418

■ 69.2717, 0.3425,
0.3989

■ 5.8544, 0.1992,
0.1141

■ 80.3193, 0.3479,
0.4127

■ 4.4305, 0.1838,
0.0916

■ 91.6584, 0.3528,
0.4238

■ 3.5157, 0.1712,
0.0758

■ 93.8368, 0.3613,
0.4210

■ 3.0710, 0.1640,
0.0677

■ 95.4251, 0.3672,
0.4191

Harmonies

Analogous

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



28.1934, 0.2823, 0.2968



28.1934, 0.2977, 0.2964



28.1934, 0.3176, 0.3040

Triad

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



28.1934, 0.2977, 0.2964



28.1934, 0.3519, 0.3507



28.1934, 0.2889, 0.3402

Complementary

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



28.1934, 0.2977, 0.2964



35.4268, 0.3266, 0.3606

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.



28.1934, 0.3070, 0.3560



28.1934, 0.2977, 0.2964



28.1934, 0.3435, 0.3617

Square

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



28.1934, 0.2977, 0.2964



28.1934, 0.3494, 0.3347



28.1934, 0.3270, 0.3639



28.1934, 0.2774, 0.3215

Rectangle

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



28.1934, 0.2977, 0.2964



28.1934, 0.3307, 0.3127



28.1934, 0.3270, 0.3639



28.1934, 0.2944, 0.3461

Sweetspot

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



28.1946, 0.2977, 0.2964



60.5415, 0.3083, 0.3192



32.8896, 0.2933, 0.3214



13.4009, 0.3074, 0.3174



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.



28.1946, 0.2977, 0.2964



47.9597, 0.2946, 0.2899



29.2020, 0.3083, 0.2974



6.9374, 0.3022, 0.3060



2.4042, 0.1647, 0.0681



0.0705, 0.2006, 0.0879

Inverse Universe

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



29.6052, 0.3191, 0.3052



50.9131, 0.3204, 0.3007



34.4142, 0.3165, 0.3615



7.1733, 0.3172, 0.3120



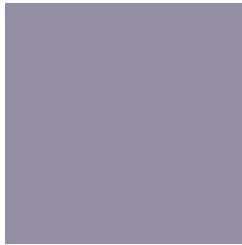
7.1955, 0.3903, 0.1924



0.1578, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 28.1934, 0.2977, 0.2964 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 28.1934, 0.2977, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

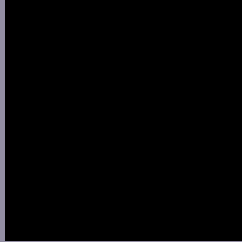
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1934, 0.2977, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 28.1934, 0.2977, 0.2964.



This preview shows how white text looks on a background with the Yxy color 28.1934, 0.2977, 0.2964.

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

28.1934, 0.2977, 0.2964

Protanopia

28.3776, 0.2919, 0.2976

Deuteranopia

28.1781, 0.3008, 0.2952



Tritanopia

28.1225, 0.3042, 0.3101

Trichromacy



Original Color

28.1934, 0.2977, 0.2964

Protanomaly

28.2545, 0.2938, 0.2962

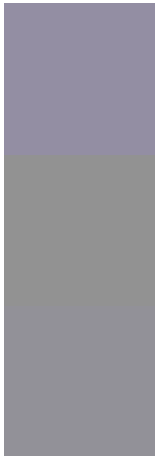
Deuteranomaly

28.0837, 0.2997, 0.2951

Tritanomaly

28.2245, 0.3014, 0.3055

Monochromacy



Original Color

28.1934, 0.2977, 0.2964

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6288, 0.3070, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1934, 0.2977, 0.2964 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(147, 142, 163)` looks like.

```
.text, #text, p{  
    color:rgb(147, 142, 163)  
}
```

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(147, 142, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 163) }
```

Border

The CSS property to change the border of an element to Yxy 28.1934, 0.2977, 0.2964 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(147, 142, 163) }
```

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

```
.border{ border-color:rgb(147, 142, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 142, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 163);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1934, 0.2977, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 163) }
```

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

```
.background{ background-color: rgb(147,  
142, 163) }
```

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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