

Converting Colors

$Y_{xy}(28.1233, 0.3027, 0.3063)$

Have a look what the booklet for
Yxy(28.1233, 0.3027, 0.3063)
contains.

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Color

$Y_{xy}(28.1902, 0.3023, 0.3070)$

Conversions

Conversions Part 1

Format	Color
Hex	928F9D
RGB	146, 143, 157
RGB Percent	57%, 56%, 62%
CMY	0.4276, 0.4392, 0.3843
CMYK	0.07, 0.09, 0.00, 0.38
HSL	253°, 7%, 59%
HSV	253°, 9%, 62%
XYZ	27.7586, 28.1902, 35.8759
YIQ	145.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

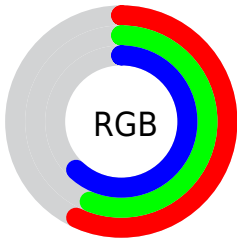
Format	Color
R_{YB}	146, 143, 157
Decimal	9605021
CIE Lab	60.06, 3.89, -7.00
CIE LCh	60, 8.007, 299.054
Yxy	28.1902, 0.3023, 0.3070
Android (android.graphics.Color)	4287795101 (0xFF928F9D)
YUV	145.4930, 5.6730, 0.4446
Hunter-Lab	53.0944, 0.4074, -2.8962

Details

The Yxy color $28.1902, 0.3023, 0.3070$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.9711, 0.3226, 0.3505$, and the grayscale version is $28.5029, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9653, 0.3042, 0.3113$, and $11.3022, 0.2975, 0.2993$ is the 20% darker color. If you saturate the color by 10%, you get $22.7292, 0.2890, 0.2797$, and if you desaturate by 10%, it is $34.4361, 0.3139, 0.3315$.

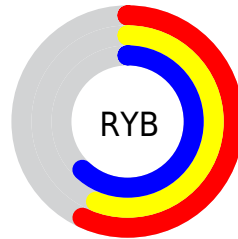
Distribution



Red (57%)

Green (56%)

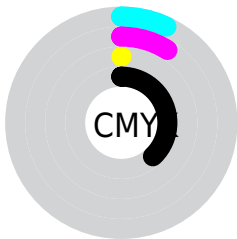
Blue (62%)



Red (57%)

Yellow (56%)

Blue (62%)

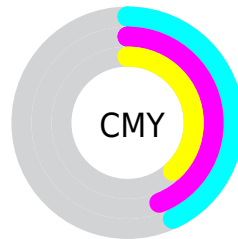


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (43%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1902, 0.3023, 0.3070 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 28.1902, 0.3023, 0.3070 by changing the saturation by 10% instead.

 28.1902, 0.3023,
0.3070


 28.1902, 0.3023,
0.3070


293.3746, 0.3080,
0.3188


 18.4691, 0.3007,
0.3038


 56.7880, 0.3045,
0.3115

 11.2873, 0.2985,
0.2994


 76.4334, 0.3053,
0.3131

 6.2604, 0.2954,
0.2932


 100.1557, 0.3059,
0.3145

 3.0041, 0.2905,
0.2838

128.3394, 0.3065,
0.3156

 1.1339, 0.2819,
0.2678

161.3687, 0.3069,
0.3166

 0.0067, 0.1675,
0.0110

199.6281, 0.3073,

 0.0000, 0.0000,

0.3174

0.0000

243.5019, 0.3077,
0.3182

■ 28.1902, 0.3023,
0.3070

■ 28.1902, 0.3023,
0.3070

■ 22.7292, 0.2890,
0.2797

■ 34.4361, 0.3139,
0.3315

■ 18.0183, 0.2740,
0.2499

■ 41.4928, 0.3239,
0.3533

■ 14.0256, 0.2573,
0.2181

■ 49.3892, 0.3325,
0.3725

■ 10.7153, 0.2395,
0.1854

■ 58.1518, 0.3398,
0.3894

■ 8.0485, 0.2212,
0.1533

■ 67.8060, 0.3460,
0.4041

■ 5.9823, 0.2033,
0.1237

■ 78.3761, 0.3513,
0.4170

■ 4.4687, 0.1869,
0.0988

■ 89.8856, 0.3558,
0.4283

■ 3.4518, 0.1732,
0.0801

■ 93.3624, 0.3637,
0.4271

■ 2.8218, 0.1627,
0.0677

■ 95.2143, 0.3706,
0.4247

Harmonies

Analogous

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



28.1902, 0.2921, 0.3077



28.1902, 0.3023, 0.3070



28.1902, 0.3155, 0.3119

Triad

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



28.1902, 0.3023, 0.3070



28.1902, 0.3387, 0.3433



28.1902, 0.2973, 0.3369

Complementary

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



28.1902, 0.3023, 0.3070



32.9711, 0.3226, 0.3505

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.



28.1902, 0.3096, 0.3470



28.1902, 0.3023, 0.3070



28.1902, 0.3336, 0.3505

Square

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



28.1902, 0.3023, 0.3070



28.1902, 0.3367, 0.3325



28.1902, 0.3228, 0.3520



28.1902, 0.2893, 0.3247

Rectangle

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



28.1902, 0.3023, 0.3070



28.1902, 0.3242, 0.3177



28.1902, 0.3228, 0.3520



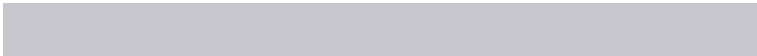
28.1902, 0.3011, 0.3407

Sweetspot

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



28.1914, 0.3023, 0.3070



56.8592, 0.3093, 0.3217



31.4530, 0.2993, 0.3246



12.3202, 0.3084, 0.3198



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.



28.1914, 0.3023, 0.3070



48.1138, 0.2994, 0.3010



28.8360, 0.3093, 0.3075



6.4996, 0.3019, 0.3061



2.2568, 0.1623, 0.0668



0.0563, 0.1976, 0.0862

Inverse Universe

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



29.1509, 0.3166, 0.3122



50.2484, 0.3177, 0.3078



32.3197, 0.3158, 0.3509



6.7305, 0.3168, 0.3115



7.0042, 0.3815, 0.1875



0.1308, 0.3534, 0.1720

Previews

White Background



This preview shows how the Yxy color 28.1902, 0.3023, 0.3070 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 28.1902, 0.3023, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

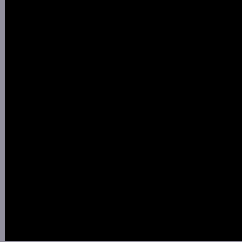
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1902, 0.3023, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 28.1902, 0.3023, 0.3070.

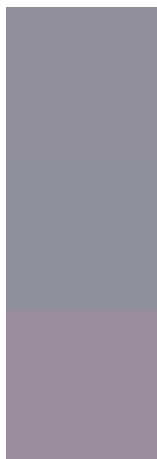


This preview shows how white text looks on a background with the Yxy color 28.1902, 0.3023, 0.3070.

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

28.1902, 0.3023, 0.3070

Protanopia

28.3101, 0.3003, 0.3085

Deuteranopia

28.2564, 0.3096, 0.3044



Tritanopia

28.1225, 0.3042, 0.3101

Trichromacy



Original Color

28.1902, 0.3023, 0.3070

Protanomaly

28.4006, 0.3013, 0.3085

Deuteranomaly

28.2644, 0.3065, 0.3057

Tritanomaly

28.1562, 0.3033, 0.3085

Monochromacy



Original Color

28.1902, 0.3023, 0.3070

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1362, 0.3089, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1902, 0.3023, 0.3070 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(146, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(146, 143, 157)  
}
```

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(146, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 143, 157) }
```

Border

The CSS property to change the border of an element to Yxy 28.1902, 0.3023, 0.3070 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(146, 143, 157) }
```

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

```
.border{ border-color:rgb(146, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(146, 143,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1902, 0.3023, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 143, 157) }
```

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

```
.background{ background-color: rgb(146,  
143, 157) }
```

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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