

Converting Colors

$Y_{xy}(28.7280, 0.3175, 0.3089)$

Have a look what the booklet for
Yxy(28.7280, 0.3175, 0.3089)
contains.

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Color

Yxy(28.6519, 0.3179, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	9E8D9A
RGB	158, 141, 154
RGB Percent	62%, 55%, 60%
CMY	0.3804, 0.4470, 0.3960
CMYK	0.00, 0.11, 0.03, 0.38
HSL	314°, 8%, 59%
HSV	314°, 11%, 62%
XYZ	29.4581, 28.6519, 34.5546
YIQ	147.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

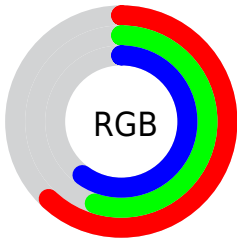
Format	Color
R _Y B	158, 141, 154
Decimal	10390938
CIE Lab	60.47, 8.74, -4.57
CIE LCh	60, 9.867, 332.408
Yxy	28.6519, 0.3179, 0.3092
Android (android.graphics.Color)	4288581018 (0xFF9E8D9A)
YUV	147.5650, 3.1725, 9.1515
Hunter-Lab	53.5275, 4.5619, -0.8054

Details

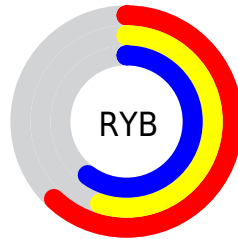
The Yxy color $28.6519, 0.3179, 0.3092$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.1592, 0.3079, 0.3496$, and the grayscale version is $29.4092, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7304, 0.3174, 0.3141$, and $11.5872, 0.3202, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $24.1997, 0.3235, 0.2901$, and if you desaturate by 10%, it is $33.7751, 0.3131, 0.3276$.

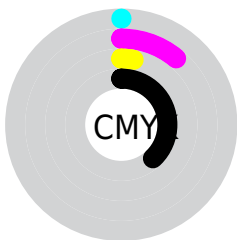
Distribution



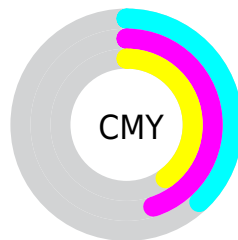
- Red (62%)
- Green (55%)
- Blue (60%)



- Red (62%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6519, 0.3179, 0.3092 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 28.6519, 0.3179, 0.3092 by changing the saturation by 10% instead.


 28.6519, 0.3179,
0.3092


 28.6519, 0.3179,
0.3092


295.5690, 0.3152,
0.3198

 18.8176, 0.3186,
0.3063


 57.5236, 0.3169,
0.3132

 11.5386, 0.3196,
0.3025


 77.3298, 0.3165,
0.3147

 6.4303, 0.3210,
0.2971


 101.2287, 0.3162,
0.3159

 3.1085, 0.3230,
0.2889

129.6049, 0.3159,
0.3169

 1.1886, 0.3262,
0.2750

162.8426, 0.3157,
0.3178

 0.0524, 0.3803,
0.0757

201.3262, 0.3155,

 0.0000, 0.0000,

0.3185

0.0000

245.4402, 0.3153,
0.3192

■ 28.6519, 0.3179,
0.3092

■ 28.6519, 0.3179,
0.3092

■ 24.1997, 0.3235,
0.2901

■ 33.7751, 0.3131,
0.3276

■ 20.3868, 0.3300,
0.2707

■ 39.5919, 0.3089,
0.3451

■ 17.1843, 0.3372,
0.2518

■ 46.1285, 0.3054,
0.3615

■ 14.5598, 0.3453,
0.2340

■ 53.4087, 0.3025,
0.3767

■ 12.4778, 0.3540,
0.2183

■ 61.4550, 0.3000,
0.3906

■ 10.8991, 0.3631,
0.2057

■ 70.2891, 0.2979,
0.4035

■ 9.7788, 0.3723,
0.1971

■ 79.9318, 0.2962,
0.4152

■ 9.0643, 0.3815,
0.1929

■ 82.2343, 0.2944,
0.4140

■ 8.6481, 0.3898,
0.1921

■ 82.3913, 0.2925,
0.4094

Harmonies

Analogous

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



28.6519, 0.3016, 0.3025



28.6519, 0.3179, 0.3092



28.6519, 0.3331, 0.3208

Triad

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



28.6519, 0.3179, 0.3092



28.6519, 0.3371, 0.3560



28.6519, 0.2834, 0.3220

Complementary

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



28.6519, 0.3179, 0.3092



32.1592, 0.3079, 0.3496

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.



28.6519, 0.2925, 0.3371



28.6519, 0.3179, 0.3092



28.6519, 0.3233, 0.3571

Square

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



28.6519, 0.3179, 0.3092



28.6519, 0.3443, 0.3476



28.6519, 0.3070, 0.3501



28.6519, 0.2821, 0.3094

Rectangle

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



28.6519, 0.3179, 0.3092



28.6519, 0.3405, 0.3300



28.6519, 0.3070, 0.3501



28.6519, 0.2857, 0.3270

Sweetspot

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



28.6531, 0.3179, 0.3092



59.0856, 0.3141, 0.3235



27.5364, 0.3003, 0.3022



13.1519, 0.3145, 0.3220



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.



28.6531, 0.3179, 0.3092



49.9037, 0.3192, 0.3045



28.3805, 0.3266, 0.3221



6.7280, 0.3171, 0.3120



6.9330, 0.3891, 0.1917



0.1299, 0.3572, 0.1741

Inverse Universe

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



28.6531, 0.3179, 0.3092



49.9037, 0.3192, 0.3045



32.4305, 0.3005, 0.3361



6.7280, 0.3171, 0.3120



6.9330, 0.3891, 0.1917



0.1299, 0.3572, 0.1741

Previews

White Background



This preview shows how the Yxy color 28.6519, 0.3179, 0.3092 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 28.6519, 0.3179, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

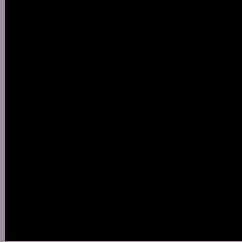
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

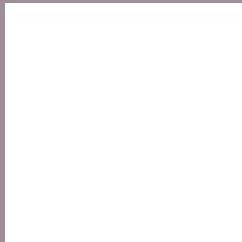
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.6519, 0.3179, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 28.6519, 0.3179, 0.3092.



This preview shows how white text looks on a background with the Yxy color 28.6519, 0.3179, 0.3092.

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

28.6519, 0.3179, 0.3092

Protanopia

28.6708, 0.3022, 0.3117

Deuteranopia

28.7470, 0.3157, 0.3106



Tritanopia

28.5859, 0.3199, 0.3122

Trichromacy



Original Color

28.6519, 0.3179, 0.3092

Protanomaly

28.7971, 0.3083, 0.3119

Deuteranomaly

28.8472, 0.3168, 0.3107

Tritanomaly

28.6188, 0.3189, 0.3107

Monochromacy



Original Color

28.6519, 0.3179, 0.3092

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1282, 0.3152, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6519, 0.3179, 0.3092 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, 141, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 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(158, 141, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 154) }
```

Border

The CSS property to change the border of an element to Yxy 28.6519, 0.3179, 0.3092 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, 141, 154) }
```

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

```
.border{ border-color:rgb(158, 141, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 141, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 141, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 141, 154); box-shadow:4px 4px 4px 4px rgb(158, 141, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6519, 0.3179, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 154) }
```

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

```
.background{ background-color: rgb(158,  
141, 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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