

Converting Colors

$Y_{xy}(27.9425, 0.3205, 0.3140)$

Have a look what the booklet for
Yxy(27.9425, 0.3205, 0.3140)
contains.

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Color

Yxy(27.9940, 0.3209, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	9C8C95
RGB	156, 140, 149
RGB Percent	61%, 55%, 58%
CMY	0.3884, 0.4509, 0.4156
CMYK	0.00, 0.10, 0.04, 0.39
HSL	326°, 7%, 58%
HSV	326°, 10%, 61%
XYZ	28.5093, 27.9940, 32.3384
YIQ	145.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

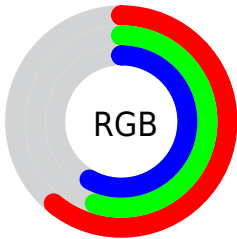
Format	Color
R _Y B	156, 140, 149
Decimal	10259605
CIE Lab	59.88, 7.61, -2.61
CIE LCh	60, 8.048, 341.109
Yxy	27.9940, 0.3209, 0.3151
Android (android.graphics.Color)	4288449685 (0xFF9C8C95)
YUV	145.8100, 1.5727, 8.9366
Hunter-Lab	52.9094, 3.5902, 0.7983

Details

The Yxy color $27.9940, 0.3209, 0.3151$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.4491, 0.3053, 0.3433$, and the grayscale version is $28.6536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7443, 0.3196, 0.3186$, and $11.1974, 0.3248, 0.3112$ is the 20% darker color. If you saturate the color by 10%, you get $23.5440, 0.3305, 0.3008$, and if you desaturate by 10%, it is $33.1052, 0.3129, 0.3287$.

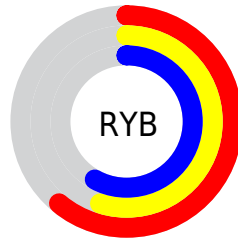
Distribution



Red (61%)

Green (55%)

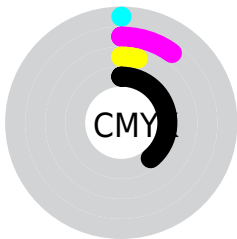
Blue (58%)



Red (61%)

Yellow (55%)

Blue (58%)

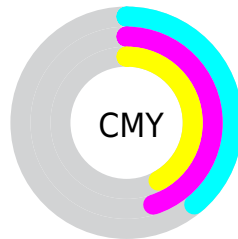


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (39%)



Cyan (39%)


Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9940, 0.3209, 0.3151 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 27.9940, 0.3209, 0.3151 by changing the saturation by 10% instead.


 27.9940, 0.3209,
0.3151


 27.9940, 0.3209,
0.3151


292.4382, 0.3165,
0.3226


 18.3211, 0.3221,
0.3130


 56.4749, 0.3192,
0.3180

 11.1808, 0.3238,
0.3103


 76.0517, 0.3186,
0.3190

 6.1886, 0.3261,
0.3063


 99.6985, 0.3181,
0.3198

 2.9601, 0.3297,
0.3003

127.7999, 0.3177,
0.3206

 1.1109, 0.3359,
0.2899

160.7402, 0.3173,
0.3212

 0.0000, 0.5080,
0.0000

198.9037, 0.3170,

 0.0000, 0.0000,

0.3217

0.0000

242.6750, 0.3167,
0.3222

■ 27.9940, 0.3209,
0.3151

■ 27.9940, 0.3209,
0.3151

■ 23.5440, 0.3305,
0.3008

■ 33.1052, 0.3129,
0.3287

■ 19.7244, 0.3418,
0.2862

■ 38.8997, 0.3062,
0.3415

■ 16.5071, 0.3551,
0.2717

■ 45.4029, 0.3006,
0.3533

■ 13.8608, 0.3704,
0.2579

■ 52.6379, 0.2960,
0.3642

■ 11.7510, 0.3876,
0.2459

■ 60.6267, 0.2922,
0.3743

■ 10.1396, 0.4066,
0.2367

■ 69.3904, 0.2890,
0.3835

■ 8.9835, 0.4266,
0.2314

■ 78.9494, 0.2863,
0.3920

■ 8.2320, 0.4469,
0.2310

■ 82.9174, 0.2833,
0.3896

■ 7.7685, 0.4667,
0.2344

■ 83.2498, 0.2799,
0.3813

Harmonies

Analogous

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



27.9940, 0.3074, 0.3082



27.9940, 0.3209, 0.3151



27.9940, 0.3324, 0.3256

Triad

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



27.9940, 0.3209, 0.3151



27.9940, 0.3299, 0.3521



27.9940, 0.2876, 0.3200

Complementary

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



27.9940, 0.3209, 0.3151



31.4491, 0.3053, 0.3433

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.



27.9940, 0.2933, 0.3321



27.9940, 0.3209, 0.3151



27.9940, 0.3176, 0.3509

Square

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



27.9940, 0.3209, 0.3151



27.9940, 0.3376, 0.3469



27.9940, 0.3043, 0.3436



27.9940, 0.2883, 0.3107

Rectangle

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



27.9940, 0.3209, 0.3151



27.9940, 0.3373, 0.3333



27.9940, 0.3043, 0.3436



27.9940, 0.2888, 0.3239

Sweetspot

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



27.9952, 0.3209, 0.3151



57.4033, 0.3150, 0.3249



27.3557, 0.3043, 0.3039



12.4696, 0.3156, 0.3239



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.



27.9952, 0.3209, 0.3151



49.1511, 0.3227, 0.3123



27.7504, 0.3291, 0.3274



6.7056, 0.3201, 0.3165



6.4086, 0.4653, 0.2337



0.1230, 0.3952, 0.1951

Inverse Universe

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



27.9952, 0.3209, 0.3151



49.1511, 0.3227, 0.3123



31.7067, 0.2983, 0.3306



6.7056, 0.3201, 0.3165



6.4086, 0.4653, 0.2337



0.1230, 0.3952, 0.1951

Previews

White Background



This preview shows how the Yxy color 27.9940, 0.3209, 0.3151 looks on a white background.

Color Contrast Check

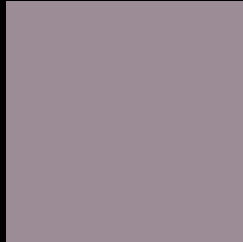
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9940, 0.3209, 0.3151 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 27.9940, 0.3209, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 27.9940, 0.3209, 0.3151.



This preview shows how white text looks on a background with the Yxy color 27.9940, 0.3209, 0.3151.

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

27.9940, 0.3209, 0.3151

Protanopia

28.2006, 0.3070, 0.3179

Deuteranopia

27.9940, 0.3209, 0.3151



Tritanopia

28.0585, 0.3189, 0.3121

Trichromacy



Original Color

27.9940, 0.3209, 0.3151

Protanomaly

28.2365, 0.3122, 0.3180

Deuteranomaly

27.9940, 0.3209, 0.3151

Tritanomaly

28.0261, 0.3199, 0.3136

Monochromacy



Original Color

27.9940, 0.3209, 0.3151

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5371, 0.3161, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9940, 0.3209, 0.3151 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(156, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 149)  
}
```

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(156, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.9940, 0.3209, 0.3151 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(156, 140, 149) }
```

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

```
.border{ border-color:rgb(156, 140, 149) }
```

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

Here you see how a box with a 4 pixel rgb(156, 140, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9940, 0.3209, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 149) }
```

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

```
.background{ background-color: rgb(156,  
140, 149) }
```

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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