

Converting Colors

$Y_{xy}(27.9122, 0.3195, 0.3235)$

Have a look what the booklet for
Yxy(27.9122, 0.3195, 0.3235)
contains.

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Color

Yxy(27.9696, 0.3194, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	978E91
RGB	151, 142, 145
RGB Percent	59%, 56%, 57%
CMY	0.4078, 0.4431, 0.4314
CMYK	0.00, 0.06, 0.04, 0.41
HSL	340°, 4%, 57%
HSV	340°, 6%, 59%
XYZ	27.5470, 27.9696, 30.7295
YIQ	145.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

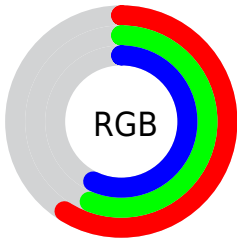
Format	Color
R_{YB}	151, 142, 145
Decimal	9932433
CIE Lab	59.86, 3.90, -0.39
CIE LCh	60, 3.920, 354.247
Yxy	27.9696, 0.3194, 0.3243
Android (android.graphics.Color)	4288122513 (0xFF978E91)
YUV	145.0330, -0.0163, 5.2331
Hunter-Lab	52.8863, 0.4247, 2.5701

Details

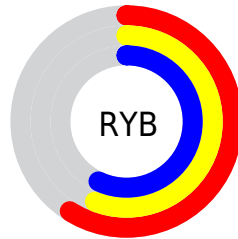
The Yxy color $27.9696, 0.3194, 0.3243$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.0269, 0.3065, 0.3337$, and the grayscale version is $28.3290, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5825, 0.3177, 0.3255$, and $11.1898, 0.3209, 0.3221$ is the 20% darker color. If you saturate the color by 10%, you get $23.4796, 0.3325, 0.3160$, and if you desaturate by 10%, it is $33.0985, 0.3086, 0.3321$.

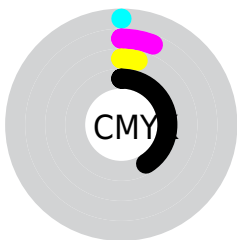
Distribution



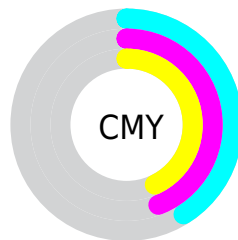
- Red (59%)
- Green (56%)
- Blue (57%)



- Red (59%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (41%)




- Cyan (41%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9696, 0.3194, 0.3243 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 27.9696, 0.3194, 0.3243 by changing the saturation by 10% instead.


 27.9696, 0.3194,
0.3243


 27.9696, 0.3194,
0.3243


292.3216, 0.3158,
0.3269


 18.3027, 0.3204,
0.3236


 56.4359, 0.3180,
0.3253

 11.1676, 0.3218,
0.3226


 76.0041, 0.3175,
0.3256

 6.1797, 0.3238,
0.3212


 99.6416, 0.3171,
0.3259

 2.9546, 0.3268,
0.3191

127.7328, 0.3168,
0.3262

 1.1081, 0.3322,
0.3153

160.6619, 0.3165,
0.3264

 0.0000, 0.8823,
0.0000

198.8135, 0.3162,

 0.0000, 0.0000,

0.3266

0.0000

242.5720, 0.3160,
0.3267

■ 27.9696, 0.3194,
0.3243

■ 27.9696, 0.3194,
0.3243

■ 23.4796, 0.3325,
0.3160

■ 33.0985, 0.3086,
0.3321

■ 19.5999, 0.3485,
0.3074

■ 38.8863, 0.2998,
0.3392

■ 16.3050, 0.3679,
0.2986

■ 45.3566, 0.2925,
0.3458

■ 13.5661, 0.3910,
0.2901

■ 52.5309, 0.2865,
0.3519

■ 11.3523, 0.4180,
0.2827

■ 60.4295, 0.2816,
0.3574

■ 9.6292, 0.4488,
0.2773

■ 69.0720, 0.2774,
0.3624

■ 8.3587, 0.4822,
0.2751

■ 78.4772, 0.2740,
0.3669

■ 7.4965, 0.5162,
0.2770

■ 83.5781, 0.2700,
0.3627

■ 6.9801, 0.5483,
0.2835

■ 84.1481, 0.2653,
0.3507

Harmonies

Analogous

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



27.9696, 0.3131, 0.3199



27.9696, 0.3194, 0.3243



27.9696, 0.3240, 0.3299

Triad

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



27.9696, 0.3194, 0.3243



27.9696, 0.3187, 0.3403



27.9696, 0.3001, 0.3225

Complementary

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



27.9696, 0.3194, 0.3243



30.0269, 0.3065, 0.3337

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.



27.9696, 0.3016, 0.3280



27.9696, 0.3194, 0.3243



27.9696, 0.3123, 0.3383

Square

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



27.9696, 0.3194, 0.3243



27.9696, 0.3236, 0.3392



27.9696, 0.3060, 0.3338



27.9696, 0.3020, 0.3189

Rectangle

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



27.9696, 0.3194, 0.3243



27.9696, 0.3254, 0.3337



27.9696, 0.3060, 0.3338



27.9696, 0.3002, 0.3242

Sweetspot

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



27.9708, 0.3194, 0.3243



53.5507, 0.3149, 0.3274



27.8778, 0.3102, 0.3148



12.1970, 0.3148, 0.3275



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.9708, 0.3194, 0.3243



49.0820, 0.3208, 0.3234



28.3298, 0.3222, 0.3314



6.4583, 0.3211, 0.3232



5.7983, 0.5592, 0.2854



0.0929, 0.4547, 0.2278

Inverse Universe

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



27.9708, 0.3194, 0.3243



49.0820, 0.3208, 0.3234



29.6423, 0.3038, 0.3266



6.4583, 0.3211, 0.3232



5.7983, 0.5592, 0.2854



0.0929, 0.4547, 0.2278

Previews

White Background



This preview shows how the Yxy color 27.9696, 0.3194, 0.3243 looks on a white background.

Color Contrast Check

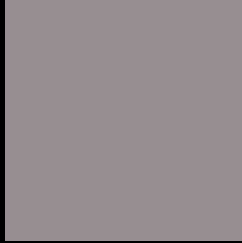
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9696, 0.3194, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

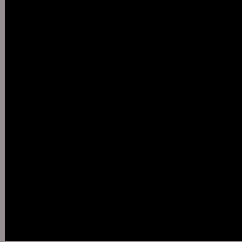
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9696, 0.3194, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 27.9696, 0.3194, 0.3243.



This preview shows how white text looks on a background with the Yxy color 27.9696, 0.3194, 0.3243.

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

27.9696, 0.3194, 0.3243

Protanopia

27.8312, 0.3129, 0.3242

Deuteranopia

28.0696, 0.3273, 0.3213



Tritanopia

27.9922, 0.3135, 0.3119

Trichromacy



Original Color

27.9696, 0.3194, 0.3243

Protanomaly

28.0161, 0.3151, 0.3242

Deuteranomaly

28.0626, 0.3238, 0.3228

Tritanomaly

27.8951, 0.3165, 0.3165

Monochromacy



Original Color

27.9696, 0.3194, 0.3243

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1939, 0.3149, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9696, 0.3194, 0.3243 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(151, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 145)  
}
```

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(151, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.9696, 0.3194, 0.3243 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(151, 142, 145) }
```

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

```
.border{ border-color:rgb(151, 142, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9696, 0.3194, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 145) }
```

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

```
.background{ background-color: rgb(151,  
142, 145) }
```

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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