

Converting Colors

$Y_{xy}(27.8506, 0.3127, 0.3194)$

Have a look what the booklet for
Yxy(27.8506, 0.3127, 0.3194)
contains.

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Color

Yxy(27.7800, 0.3132, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	948E94
RGB	148, 142, 148
RGB Percent	58%, 56%, 58%
CMY	0.4195, 0.4431, 0.4197
CMYK	0.00, 0.04, 0.00, 0.42
HSL	300°, 3%, 57%
HSV	300°, 4%, 58%
XYZ	27.2322, 27.7800, 31.9361
YIQ	144.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

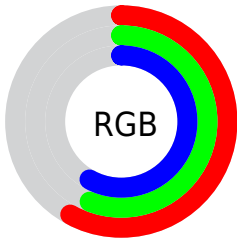
Format	Color
R_{YB}	148, 142, 148
Decimal	9735828
CIE Lab	59.69, 3.38, -2.38
CIE LCh	60, 4.133, 324.767
Yxy	27.7800, 0.3132, 0.3195
Android (android.graphics.Color)	4287925908 (0xFF948E94)
YUV	144.4780, 1.7363, 3.0888
Hunter-Lab	52.7067, -0.0104, 0.9696

Details

The Yxy color $27.7800, 0.3132, 0.3195$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.8905, 0.3122, 0.3387$, and the grayscale version is $28.0862, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.3007, 0.3131, 0.3219$, and $11.0587, 0.3133, 0.3174$ is the 20% darker color. If you saturate the color by 10%, you get $23.6624, 0.3144, 0.2956$, and if you desaturate by 10%, it is $32.4849, 0.3120, 0.3426$.

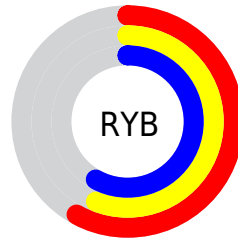
Distribution



Red (58%)

Green (56%)

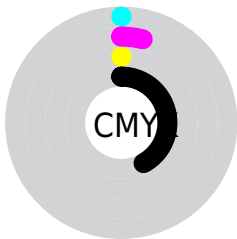
Blue (58%)



Red (58%)

Yellow (56%)

Blue (58%)

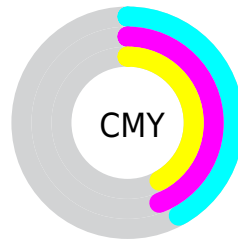


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.7800, 0.3132, 0.3195 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 27.7800, 0.3132, 0.3195 by changing the saturation by 10% instead.

■ 27.7800, 0.3132,
0.3195

■ 27.7800, 0.3132,
0.3195

■ 291.4142, 0.3130,
0.3246

■ 18.1599, 0.3133,
0.3181

■ 56.1330, 0.3131,
0.3215

■ 11.0648, 0.3133,
0.3161

■ 75.6347, 0.3131,
0.3222

■ 6.1105, 0.3134,
0.3134

■ 99.1990, 0.3130,
0.3228

■ 2.9124, 0.3136,
0.3091

■ 127.2104, 0.3130,
0.3233

■ 1.0862, 0.3138,
0.3017

■ 160.0532, 0.3130,
0.3237

■ 0.0000, 0.2779,
0.0000

■ 198.1118, 0.3130,

■ 0.0000, 0.0000,

0.3240

0.0000

241.7707, 0.3130,
0.3244

■ 27.7800, 0.3132,
0.3195

■ 27.7800, 0.3132,
0.3195

■ 23.6624, 0.3144,
0.2956

■ 32.4849, 0.3120,
0.3426

■ 20.1056, 0.3157,
0.2714

■ 37.7952, 0.3109,
0.3644

■ 17.0865, 0.3169,
0.2476

■ 43.7325, 0.3099,
0.3848

■ 14.5788, 0.3181,
0.2251

■ 50.3165, 0.3090,
0.4036

■ 12.5543, 0.3193,
0.2046

■ 57.5657, 0.3081,
0.4208

■ 10.9819, 0.3203,
0.1871

■ 65.4982, 0.3074,
0.4365

■ 9.8268, 0.3211,
0.1732

■ 74.1312, 0.3067,
0.4507

■ 9.0492, 0.3217,
0.1634

■ 79.9777, 0.3063,
0.4589

■ 8.6008, 0.3222,
0.1575

■ 79.9805, 0.3062,
0.4588

Harmonies

Analogous

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



27.7800, 0.3065, 0.3173



27.7800, 0.3132, 0.3195



27.7800, 0.3199, 0.3241

Triad

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



27.7800, 0.3132, 0.3195



27.7800, 0.3241, 0.3398



27.7800, 0.3009, 0.3278

Complementary

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



27.7800, 0.3132, 0.3195



28.8905, 0.3122, 0.3387

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.



27.7800, 0.3056, 0.3340



27.7800, 0.3132, 0.3195



27.7800, 0.3189, 0.3409

Square

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



27.7800, 0.3132, 0.3195



27.7800, 0.3262, 0.3358



27.7800, 0.3121, 0.3388



27.7800, 0.2994, 0.3220

Rectangle

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



27.7800, 0.3132, 0.3195



27.7800, 0.3234, 0.3280



27.7800, 0.3121, 0.3388



27.7800, 0.3022, 0.3299

Sweetspot

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



27.7812, 0.3132, 0.3195



51.4215, 0.3128, 0.3266



27.2355, 0.3068, 0.3192



11.7501, 0.3128, 0.3268



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.7812, 0.3132, 0.3195



48.2069, 0.3133, 0.3171



27.6882, 0.3162, 0.3242



6.2669, 0.3134, 0.3161



7.1803, 0.3224, 0.1550



0.0880, 0.3216, 0.1545

Inverse Universe

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



27.7812, 0.3132, 0.3195



48.2069, 0.3133, 0.3171



28.9810, 0.3094, 0.3338



6.2669, 0.3134, 0.3161



7.1803, 0.3224, 0.1550



0.0880, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 27.7800, 0.3132, 0.3195 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 27.7800, 0.3132, 0.3195 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

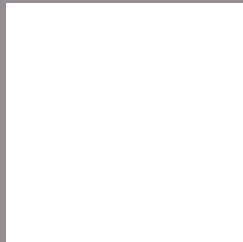
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7800, 0.3132, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 27.7800, 0.3132, 0.3195.



This preview shows how white text looks on a background with the Yxy color 27.7800, 0.3132, 0.3195.

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

27.7800, 0.3132, 0.3195

Protanopia

27.8346, 0.3090, 0.3194

Deuteranopia

27.6037, 0.3200, 0.3135



Tritanopia

27.7063, 0.3103, 0.3117

Trichromacy



Original Color

27.7800, 0.3132, 0.3195

Protanomaly

27.9258, 0.3100, 0.3194

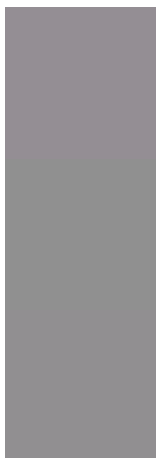
Deuteranomaly

27.6015, 0.3166, 0.3149

Tritanomaly

27.6737, 0.3113, 0.3132

Monochromacy



Original Color

27.7800, 0.3132, 0.3195

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.7090, 0.3129, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7800, 0.3132, 0.3195 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(148, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 148)  
}
```

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(148, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 148) }
```

Border

The CSS property to change the border of an element to Yxy 27.7800, 0.3132, 0.3195 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(148, 142, 148) }
```

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

```
.border{ border-color:rgb(148, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 142,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7800, 0.3132, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 142, 148) }
```

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

```
.background{ background-color: rgb(148,  
142, 148) }
```

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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