

Converting Colors

$Y_{xy}(27.7876, 0.3290, 0.3210)$

Have a look what the booklet for
Yxy(27.7876, 0.3290, 0.3210)
contains.

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Color

Yxy(27.8498, 0.3296, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	9F8B90
RGB	159, 139, 144
RGB Percent	62%, 55%, 56%
CMY	0.3764, 0.4549, 0.4352
CMYK	0.00, 0.13, 0.09, 0.38
HSL	345°, 9%, 58%
HSV	345°, 13%, 62%
XYZ	28.5692, 27.8498, 30.2595
YIQ	145.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

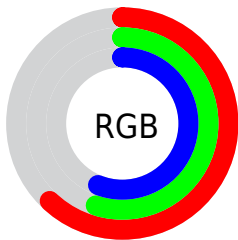
Format	Color
R _Y B	159, 139, 144
Decimal	10455952
CIE Lab	59.75, 8.41, 0.09
CIE LCh	60, 8.412, 0.629
Yxy	27.8498, 0.3296, 0.3213
Android (android.graphics.Color)	4288646032 (0xFF9F8B90)
YUV	145.5500, -0.7641, 11.7957
Hunter-Lab	52.7729, 4.2805, 2.9447

Details

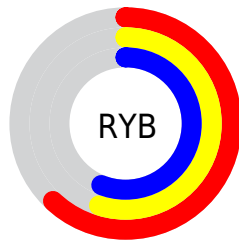
The Yxy color $27.8498, 0.3296, 0.3213$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.6274, 0.2982, 0.3368$, and the grayscale version is $28.5529, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5133, 0.3260, 0.3232$, and $11.0787, 0.3345, 0.3179$ is the 20% darker color. If you saturate the color by 10%, you get $23.2306, 0.3465, 0.3148$, and if you desaturate by 10%, it is $33.1798, 0.3158, 0.3275$.

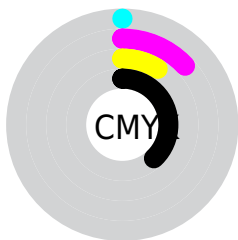
Distribution



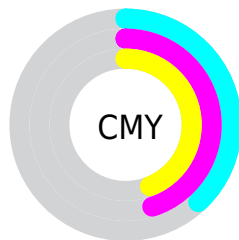
- Red (62%)
- Green (55%)
- Blue (56%)



- Red (62%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8498, 0.3296, 0.3213 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 27.8498, 0.3296, 0.3213 by changing the saturation by 10% instead.


 27.8498, 0.3296,
0.3213


 27.8498, 0.3296,
0.3213


291.7485, 0.3204,
0.3255


 18.2125, 0.3322,
0.3201


 56.2446, 0.3261,
0.3229

 11.1026, 0.3357,
0.3185


 75.7708, 0.3248,
0.3235

 6.1359, 0.3407,
0.3162

 99.3620, 0.3238,
0.3240

 2.9279, 0.3485,
0.3126

127.4028, 0.3229,
0.3244

 1.0942, 0.3624,
0.3062

160.2774, 0.3221,
0.3247

 0.0000, 1.0000,
0.0000

198.3703, 0.3215,

 0.0000, 0.0000,

0.3250

0.0000

242.0659, 0.3209,
0.3253

■ 27.8498, 0.3296,
0.3213

■ 27.8498, 0.3296,
0.3213

■ 23.2306, 0.3465,
0.3148

■ 33.1798, 0.3158,
0.3275

■ 19.2886, 0.3671,
0.3081

■ 39.2452, 0.3046,
0.3332

■ 15.9929, 0.3920,
0.3016

■ 46.0738, 0.2955,
0.3385

■ 13.3086, 0.4216,
0.2958

■ 53.6910, 0.2880,
0.3433

■ 11.1978, 0.4557,
0.2915

■ 62.1208, 0.2818,
0.3476

■ 9.6181, 0.4932,
0.2897

■ 71.3865, 0.2767,
0.3516

■ 8.5212, 0.5315,
0.2914

■ 81.5101, 0.2724,
0.3552

■ 7.8500, 0.5669,
0.2971

■ 85.1475, 0.2673,
0.3465

■ 7.5257, 0.5902,
0.3025

■ 85.8769, 0.2618,
0.3330

Harmonies

Analogous

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



27.8498, 0.3164, 0.3114



27.8498, 0.3296, 0.3213



27.8498, 0.3383, 0.3333

Triad

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



27.8498, 0.3296, 0.3213



27.8498, 0.3227, 0.3532



27.8498, 0.2861, 0.3127

Complementary

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



27.8498, 0.3296, 0.3213



32.6274, 0.2982, 0.3368

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.



27.8498, 0.2878, 0.3238



27.8498, 0.3296, 0.3213



27.8498, 0.3086, 0.3476

Square

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



27.8498, 0.3296, 0.3213



27.8498, 0.3342, 0.3519



27.8498, 0.2959, 0.3367



27.8498, 0.2914, 0.3063

Rectangle

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



27.8498, 0.3296, 0.3213



27.8498, 0.3403, 0.3411



27.8498, 0.2959, 0.3367



27.8498, 0.2859, 0.3160

Sweetspot

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



27.8510, 0.3296, 0.3213



57.9075, 0.3177, 0.3266



27.8067, 0.3085, 0.2983



12.8934, 0.3186, 0.3261



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.



27.8510, 0.3296, 0.3213



47.5146, 0.3338, 0.3196



29.0837, 0.3340, 0.3363



6.6721, 0.3247, 0.3234



5.9478, 0.5880, 0.3013



0.1125, 0.4895, 0.2470

Inverse Universe

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



27.8510, 0.3296, 0.3213



47.5146, 0.3338, 0.3196



31.2203, 0.2938, 0.3216



6.6721, 0.3247, 0.3234



5.9478, 0.5880, 0.3013



0.1125, 0.4895, 0.2470

Previews

White Background



This preview shows how the Yxy color 27.8498, 0.3296, 0.3213 looks on a white background.

Color Contrast Check

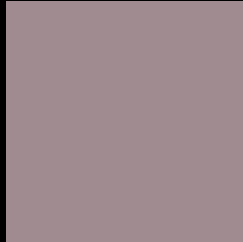
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8498, 0.3296, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

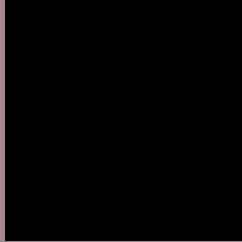
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8498, 0.3296, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 27.8498, 0.3296, 0.3213.



This preview shows how white text looks on a background with the Yxy color 27.8498, 0.3296, 0.3213.

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

27.8498, 0.3296, 0.3213

Protanopia

27.8312, 0.3129, 0.3242

Deuteranopia

27.7480, 0.3285, 0.3213



Tritanopia

27.8205, 0.3256, 0.3122

Trichromacy



Original Color

27.8498, 0.3296, 0.3213

Protanomaly

27.9696, 0.3194, 0.3243

Deuteranomaly

27.7480, 0.3285, 0.3213

Tritanomaly

27.7571, 0.3277, 0.3152

Monochromacy



Original Color

27.8498, 0.3296, 0.3213

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2686, 0.3193, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8498, 0.3296, 0.3213 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(159, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(159, 139, 144)  
}
```

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(159, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 139, 144) }
```

Border

The CSS property to change the border of an element to Yxy 27.8498, 0.3296, 0.3213 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(159, 139, 144) }
```

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

```
.border{ border-color:rgb(159, 139, 144) }
```

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

Here you see how a box with a 4 pixel rgb(159, 139, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(159, 139,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8498, 0.3296, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 139, 144) }
```

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

```
.background{ background-color: rgb(159,  
139, 144) }
```

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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