

Converting Colors

$Y_{xy}(28.1154, 0.3298, 0.3258)$

Have a look what the booklet for
Yxy(28.1154, 0.3298, 0.3258)
contains.

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Color

Yxy(28.0084, 0.3294, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	9E8C8F
RGB	158, 140, 143
RGB Percent	62%, 55%, 56%
CMY	0.3803, 0.4510, 0.4392
CMYK	0.00, 0.11, 0.10, 0.38
HSL	350°, 9%, 58%
HSV	350°, 11%, 62%
XYZ	28.4401, 28.0084, 29.8906
YIQ	145.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

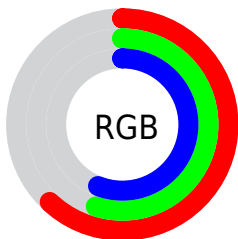
Format	Color
R _Y B	158, 140, 143
Decimal	10390671
CIE Lab	59.90, 7.29, 0.87
CIE LCh	60, 7.339, 6.826
Yxy	28.0084, 0.3294, 0.3244
Android (android.graphics.Color)	4288580751 (0xFF9E8C8F)
YUV	145.7240, -1.3429, 10.7661
Hunter-Lab	52.9230, 3.3083, 3.5594

Details

The Yxy color $28.0084, 0.3294, 0.3244$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.4060, 0.2982, 0.3337$, and the grayscale version is $28.6299, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7609, 0.3258, 0.3255$, and $11.2284, 0.3358, 0.3224$ is the 20% darker color. If you saturate the color by 10%, you get $23.3423, 0.3477, 0.3201$, and if you desaturate by 10%, it is $33.3871, 0.3146, 0.3285$.

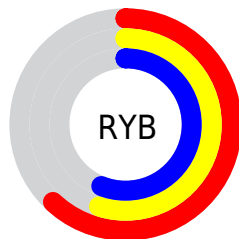
Distribution



Red (62%)

Green (55%)

Blue (56%)



Red (62%)

Yellow (55%)

Blue (56%)

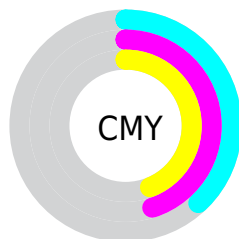


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0084, 0.3294, 0.3244 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 28.0084, 0.3294, 0.3244 by changing the saturation by 10% instead.


 28.0084, 0.3294,
0.3244


 28.0084, 0.3294,
0.3244


292.5071, 0.3203,
0.3269


 18.3320, 0.3319,
0.3237


 56.4979, 0.3259,
0.3254

 11.1886, 0.3354,
0.3227


 76.0797, 0.3247,
0.3257

 6.1938, 0.3404,
0.3213

 99.7321, 0.3236,
0.3260

 2.9633, 0.3481,
0.3190

127.8395, 0.3228,
0.3263

 1.1126, 0.3619,
0.3149

160.7864, 0.3220,
0.3265

 0.0000, 1.0000,
0.0000

198.9569, 0.3214,

 0.0000, 0.0000,

0.3266

0.0000


242.7357, 0.3208,
0.3268

 28.0084, 0.3294,
0.3244


 28.0084, 0.3294,
0.3244


 23.3423, 0.3477,
0.3201


 33.3871, 0.3146,
0.3285


 19.3553, 0.3702,
0.3157

 39.5028, 0.3025,
0.3322


 16.0169, 0.3977,
0.3114

 46.3830, 0.2928,
0.3356

 13.2926, 0.4304,
0.3076

 54.0531, 0.2848,
0.3387

 11.1449, 0.4683,
0.3049

 62.5369, 0.2782,
0.3416

■ 9.5318, 0.5096,
0.3041

■ 71.8575, 0.2727,
0.3441

■ 8.4061, 0.5512,
0.3059

■ 82.0370, 0.2682,
0.3464

■ 7.7120, 0.5880,
0.3106

■ 85.5941, 0.2627,
0.3362

■ 7.3478, 0.6135,
0.3153

■ 86.0120, 0.2597,
0.3288

Harmonies

Analogous

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



28.0084, 0.3185, 0.3152



28.0084, 0.3294, 0.3244



28.0084, 0.3358, 0.3350

Triad

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



28.0084, 0.3294, 0.3244



28.0084, 0.3190, 0.3495



28.0084, 0.2900, 0.3133

Complementary

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



28.0084, 0.3294, 0.3244



32.4060, 0.2982, 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.



28.0084, 0.2901, 0.3223



28.0084, 0.3294, 0.3244



28.0084, 0.3067, 0.3435

Square

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



28.0084, 0.3294, 0.3244



28.0084, 0.3297, 0.3497



28.0084, 0.2962, 0.3334



28.0084, 0.2958, 0.3087

Rectangle

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



28.0084, 0.3294, 0.3244



28.0084, 0.3367, 0.3415



28.0084, 0.2962, 0.3334



28.0084, 0.2893, 0.3159

Sweetspot

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



28.0096, 0.3294, 0.3244



58.9083, 0.3168, 0.3278



28.1951, 0.3108, 0.3014



13.1020, 0.3179, 0.3275



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.



28.0096, 0.3294, 0.3244



48.2912, 0.3343, 0.3232



29.7249, 0.3314, 0.3383



6.6632, 0.3259, 0.3253



5.8867, 0.6118, 0.3144



0.1097, 0.5286, 0.2686

Inverse Universe

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



28.0096, 0.3294, 0.3244



48.2912, 0.3343, 0.3232



30.5067, 0.2955, 0.3195



6.6632, 0.3259, 0.3253



5.8867, 0.6118, 0.3144



0.1097, 0.5286, 0.2686

Previews

White Background



This preview shows how the Yxy color 28.0084, 0.3294, 0.3244 looks on a white background.

Color Contrast Check

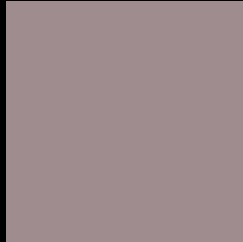
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0084, 0.3294, 0.3244 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 28.0084, 0.3294, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 28.0084, 0.3294, 0.3244.



This preview shows how white text looks on a background with the Yxy color 28.0084, 0.3294, 0.3244.

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

28.0084, 0.3294, 0.3244

Protanopia

28.1939, 0.3149, 0.3274

Deuteranopia

28.1103, 0.3305, 0.3244



Tritanopia

28.0382, 0.3233, 0.3122

Trichromacy



Original Color

28.0084, 0.3294, 0.3244

Protanomaly

28.2378, 0.3203, 0.3274

Deuteranomaly

28.1103, 0.3305, 0.3244

Tritanomaly

27.9427, 0.3264, 0.3167

Monochromacy



Original Color

28.0084, 0.3294, 0.3244

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4749, 0.3181, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0084, 0.3294, 0.3244 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, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 143)  
}
```

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, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.0084, 0.3294, 0.3244 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, 140, 143) }
```

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

```
.border{ border-color:rgb(158, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0084, 0.3294, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 143) }
```

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

```
.background{ background-color: rgb(158,  
140, 143) }
```

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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