

Converting Colors

$Y_{xy}(27.3854, 0.3263, 0.3413)$

Have a look what the booklet for
Yxy(27.3854, 0.3263, 0.3413)
contains.

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Color

Yxy(27.3912, 0.3263, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	948E87
RGB	148, 142, 135
RGB Percent	58%, 56%, 53%
CMY	0.4197, 0.4431, 0.4706
CMYK	0.00, 0.04, 0.09, 0.42
HSL	32°, 6%, 55%
HSV	32°, 9%, 58%
XYZ	26.2566, 27.3912, 26.8199
YIQ	142.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

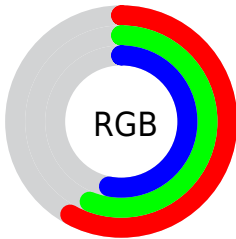
Format	Color
RYB	146, 148, 135
Decimal	9735815
CIELab	59.33, 0.92, 4.52
CIELCh	59, 4.610, 78.478
Yxy	27.3912, 0.3263, 0.3404
Android (android.graphics.Color)	4287925895 (0xFF948E87)
YUV	142.9960, -3.9420, 4.3885
Hunter-Lab	52.3366, -2.0379, 6.2525

Details

The Yxy color $27.3912, 0.3263, 0.3404$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.3279, 0.2996, 0.3173$, and the grayscale version is $27.4805, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6673, 0.3235, 0.3387$, and $10.8516, 0.3312, 0.3457$ is the 20% darker color. If you saturate the color by 10%, you get $25.0398, 0.3436, 0.3540$, and if you desaturate by 10%, it is $29.9267, 0.3110, 0.3275$.

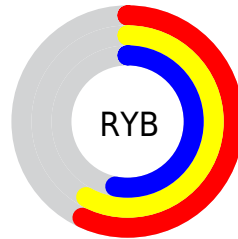
Distribution



Red (58%)

Green (56%)

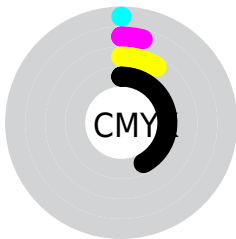
Blue (53%)



Red (57%)

Yellow (58%)

Blue (53%)

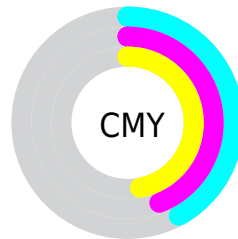


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (42%)



Cyan (42%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3912, 0.3263, 0.3404 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 27.3912, 0.3263, 0.3404 by changing the saturation by 10% instead.


 27.3912, 0.3263,
0.3404

 27.3912, 0.3263,
0.3404


289.5463, 0.3189,
0.3342


 17.8672, 0.3284,
0.3421


 55.5110, 0.3234,
0.3380

 10.8547, 0.3312,
0.3445


 74.8756, 0.3224,
0.3372

 5.9692, 0.3353,
0.3479

 98.2892, 0.3216,
0.3365

 2.8264, 0.3417,
0.3531

126.1362, 0.3209,
0.3359

 1.0418, 0.3542,
0.3634

158.8011, 0.3203,
0.3354

 0.0000, 0.0000,
0.0000

196.6681, 0.3197,

0.3349

240.1217, 0.3193,
0.3346

■ 27.3912, 0.3263,
0.3404

■ 27.3912, 0.3263,
0.3404

■ 25.0398, 0.3436,
0.3540

■ 29.9267, 0.3110,
0.3275

■ 22.8643, 0.3631,
0.3681

■ 32.6470, 0.2974,
0.3154

■ 20.8611, 0.3846,
0.3822

■ 35.5576, 0.2856,
0.3042

■ 19.0252, 0.4080,
0.3957

■ 38.6624, 0.2752,
0.2939

■ 17.3512, 0.4327,
0.4077

■ 41.9655, 0.2660,
0.2844

■ 15.8333, 0.4578,
0.4171

■ 45.4705, 0.2580,
0.2757

■ 14.4653, 0.4823,
0.4228

■ 49.1812, 0.2508,
0.2678

■ 13.2402, 0.5045,
0.4238

■ 53.1012, 0.2446,
0.2605

■ 12.1458, 0.5242,
0.4204

■ 56.3557, 0.2452,
0.2673

Harmonies

Analogous

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



27.3912, 0.3278, 0.3354



27.3912, 0.3263, 0.3404



27.3912, 0.3211, 0.3424

Triad

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



27.3912, 0.3263, 0.3404



27.3912, 0.3003, 0.3291



27.3912, 0.3116, 0.3176

Complementary

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



27.3912, 0.3263, 0.3404



26.3279, 0.2996, 0.3173

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.



27.3912, 0.3043, 0.3159



27.3912, 0.3263, 0.3404



27.3912, 0.2979, 0.3224

Square

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



27.3912, 0.3263, 0.3404



27.3912, 0.3061, 0.3359



27.3912, 0.2993, 0.3176



27.3912, 0.3193, 0.3223

Rectangle

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



27.3912, 0.3263, 0.3404



27.3912, 0.3163, 0.3418



27.3912, 0.2993, 0.3176



27.3912, 0.3090, 0.3167

Sweetspot

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



27.3924, 0.3263, 0.3404



50.8613, 0.3173, 0.3329



25.5441, 0.3210, 0.3192



11.5322, 0.3184, 0.3339



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.



27.3924, 0.3263, 0.3404



47.3005, 0.3303, 0.3437



29.1798, 0.3249, 0.3499



6.3030, 0.3270, 0.3410



10.3237, 0.5258, 0.4207



0.1854, 0.4701, 0.4649

Inverse Universe

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



26.3279, 0.2996, 0.3173



44.9402, 0.2958, 0.3139



24.6482, 0.3000, 0.3073



6.0462, 0.2989, 0.3167



5.4189, 0.1747, 0.1488



0.1242, 0.1970, 0.2290

Previews

White Background



This preview shows how the Yxy color 27.3912, 0.3263, 0.3404 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 27.3912, 0.3263, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

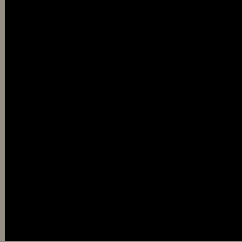
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

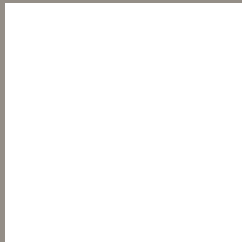
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3912, 0.3263, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 27.3912, 0.3263, 0.3404.



This preview shows how white text looks on a background with the Yxy color 27.3912, 0.3263, 0.3404.

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

27.3912, 0.3263, 0.3404

Protanopia

27.2983, 0.3252, 0.3404

Deuteranopia

27.3255, 0.3383, 0.3322



Tritanopia

27.4746, 0.3125, 0.3117

Trichromacy



Original Color

27.3912, 0.3263, 0.3404

Protanomaly

27.2983, 0.3252, 0.3404

Deuteranomaly

27.2114, 0.3336, 0.3338

Tritanomaly

27.4836, 0.3173, 0.3226

Monochromacy



Original Color

27.3912, 0.3263, 0.3404

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5581, 0.3178, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3912, 0.3263, 0.3404 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 135) }
```

Border

The CSS property to change the border of an element to Yxy 27.3912, 0.3263, 0.3404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

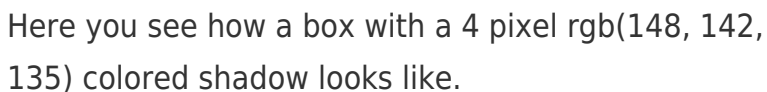
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 142, 135) }
```

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

```
.border{ border-color:rgb(148, 142, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 142, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 142, 135); box-shadow:4px 4px 4px 4px rgb(148, 142, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3912, 0.3263, 0.3404 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, 135) }
```

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

```
.background{ background-color: rgb(148,  
142, 135) }
```

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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