

Converting Colors

$Y_{xy}(27.0314, 0.3154, 0.2955)$

Have a look what the booklet for
Yxy(27.0314, 0.3154, 0.2955)
contains.

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Color

Yxy(27.0314, 0.3154, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	9E879D
RGB	158, 135, 157
RGB Percent	62%, 53%, 62%
CMY	0.3803, 0.4706, 0.3843
CMYK	0.00, 0.15, 0.01, 0.38
HSL	303°, 11%, 57%
HSV	303°, 15%, 62%
XYZ	28.8518, 27.0314, 35.5936
YIQ	144.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

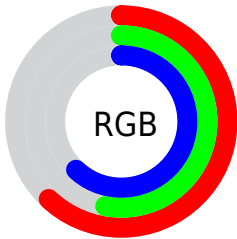
Format	Color
RYB	158, 135, 157
Decimal	10389405
CIELab	59.00, 12.74, -8.46
CIElCh	59, 15.294, 326.425
Yxy	27.0314, 0.3154, 0.2955
Android (android.graphics.Color)	4288579485 (0xFF9E879D)
YUV	144.3850, 6.2192, 11.9404
Hunter-Lab	51.9917, 8.0695, -4.1958

Details

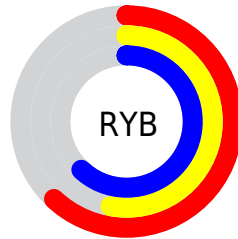
The Yxy color $27.0314, 0.3154, 0.2955$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.3869, 0.3101, 0.3649$, and the grayscale version is $28.0267, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8660, 0.3148, 0.3014$, and $10.6018, 0.3149, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $22.9219, 0.3174, 0.2720$, and if you desaturate by 10%, it is $31.7978, 0.3135, 0.3187$.

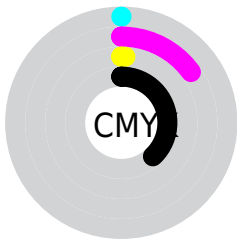
Distribution



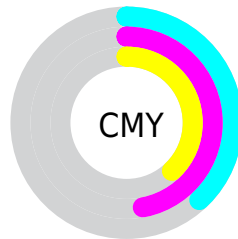
- Red (62%)
- Green (53%)
- Blue (62%)



- Red (62%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (38%)





- Cyan (38%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0314, 0.3154, 0.2955 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 27.0314, 0.3154, 0.2955 by changing the saturation by 10% instead.


 27.0314, 0.3154,
0.2955


 27.0314, 0.3154,
0.2955


287.8091, 0.3141,
0.3133


 17.5968, 0.3157,
0.2907


 54.9343, 0.3150,
0.3023

 10.6609, 0.3160,
0.2842


 74.1713, 0.3148,
0.3047

 5.8393, 0.3164,
0.2751


 97.4446, 0.3146,
0.3068

 2.7476, 0.3168,
0.2614

125.1386, 0.3145,
0.3085

 1.0014, 0.3170,
0.2385

157.6377, 0.3144,
0.3100

 0.0000, 0.3044,
0.0000

195.3262, 0.3143,

 0.0000, 0.0000,

0.3112

0.0000

238.5885, 0.3142,
0.3124

■ 27.0314, 0.3154,
0.2955

■ 27.0314, 0.3154,
0.2955

■ 22.9219, 0.3174,
0.2720

■ 31.7978, 0.3135,
0.3187

■ 19.4370, 0.3196,
0.2488

■ 37.2445, 0.3118,
0.3410

■ 16.5471, 0.3217,
0.2269

■ 43.3982, 0.3103,
0.3621

■ 14.2187, 0.3239,
0.2069

■ 50.2830, 0.3089,
0.3819

■ 12.4150, 0.3260,
0.1900

■ 57.9217, 0.3076,
0.4001

■ 11.0948, 0.3280,
0.1766

■ 66.3366, 0.3066,
0.4168

■ 10.2107, 0.3298,
0.1674

■ 75.5485, 0.3056,
0.4320

■ 9.7049, 0.3313,
0.1623

■ 81.4195, 0.3050,
0.4400

■ 9.5061, 0.3321,
0.1603

■ 81.4445, 0.3046,
0.4391

Harmonies

Analogous

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



27.0314, 0.2904, 0.2870



27.0314, 0.3154, 0.2955



27.0314, 0.3406, 0.3120

Triad

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



27.0314, 0.3154, 0.2955



27.0314, 0.3544, 0.3696



27.0314, 0.2689, 0.3221

Complementary

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



27.0314, 0.3154, 0.2955



31.3869, 0.3101, 0.3649

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.



27.0314, 0.2848, 0.3464



27.0314, 0.3154, 0.2955



27.0314, 0.3340, 0.3745

Square

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



27.0314, 0.3154, 0.2955



27.0314, 0.3636, 0.3540



27.0314, 0.3084, 0.3661



27.0314, 0.2643, 0.3011

Rectangle

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



27.0314, 0.3154, 0.2955



27.0314, 0.3538, 0.3258



27.0314, 0.3084, 0.3661



27.0314, 0.2730, 0.3302

Sweetspot

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



27.0326, 0.3154, 0.2955



58.1859, 0.3134, 0.3198



25.0118, 0.2907, 0.2914



12.9670, 0.3136, 0.3181



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.



27.0326, 0.3154, 0.2955



46.8995, 0.3159, 0.2890



26.6656, 0.3272, 0.3124



6.7495, 0.3144, 0.3079



7.6136, 0.3320, 0.1603



0.1375, 0.3272, 0.1576

Inverse Universe

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



27.0326, 0.3154, 0.2955



46.8995, 0.3159, 0.2890



31.7241, 0.3002, 0.3462



6.7495, 0.3144, 0.3079



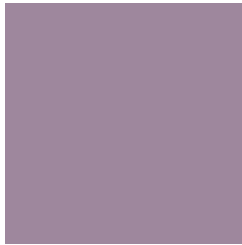
7.6136, 0.3320, 0.1603



0.1375, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 27.0314, 0.3154, 0.2955 looks on a white background.

Color Contrast Check

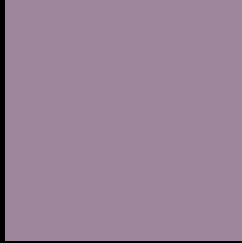
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0314, 0.3154, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

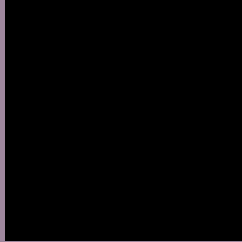
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0314, 0.3154, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 27.0314, 0.3154, 0.2955.



This preview shows how white text looks on a background with the Yxy color 27.0314, 0.3154, 0.2955.

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

27.0314, 0.3154, 0.2955

Protanopia

27.1119, 0.2915, 0.2971

Deuteranopia

26.9668, 0.3065, 0.3008



Tritanopia

27.1660, 0.3245, 0.3135

Trichromacy



Original Color

27.0314, 0.3154, 0.2955

Protanomaly

27.1143, 0.2995, 0.2960

Deuteranomaly

26.9670, 0.3098, 0.2995

Tritanomaly

27.0108, 0.3204, 0.3059

Monochromacy



Original Color

27.0314, 0.3154, 0.2955

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6092, 0.3133, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0314, 0.3154, 0.2955 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, 135, 157)` looks like.

```
.text, #text, p{  
    color:rgb(158, 135, 157)  
}
```

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, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 135, 157) }
```

Border

The CSS property to change the border of an element to Yxy 27.0314, 0.3154, 0.2955 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, 135, 157) }
```

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

```
.border{ border-color:rgb(158, 135, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 135, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(158, 135,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0314, 0.3154, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 135, 157) }
```

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

```
.background{ background-color: rgb(158,  
135, 157) }
```

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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