

Converting Colors

$Y_{xy}(27.3238, 0.2984, 0.2910)$

Have a look what the booklet for
Yxy(27.3238, 0.2984, 0.2910)
contains.

Yxy(27.4055, 0.2987, 0.2918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.4055, 0.2987, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	948BA3
RGB	148, 139, 163
RGB Percent	58%, 55%, 64%
CMY	0.4197, 0.4549, 0.3608
CMYK	0.09, 0.15, 0.00, 0.36
HSL	262°, 12%, 59%
HSV	262°, 15%, 64%
XYZ	28.0535, 27.4055, 38.4597
YIQ	144.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

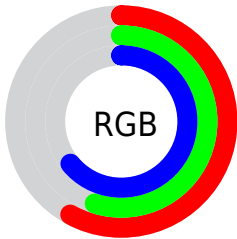
Format	Color
RYB	148, 139, 163
Decimal	9735075
CIELab	59.35, 8.13, -11.47
CIElCh	59, 14.056, 305.335
Yxy	27.4055, 0.2987, 0.2918
Android (android.graphics.Color)	4287925155 (0xFF948BA3)
YUV	144.4270, 9.1565, 3.1335
Hunter-Lab	52.3503, 4.0419, -6.9129

Details

The Yxy color **27.4055, 0.2987, 0.2918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9300, 0.3254, 0.3656**, and the grayscale version is **28.0339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3178, 0.3016, 0.2986**, and **10.8338, 0.2936, 0.2797** is the 20% darker color. If you saturate the color by 10%, you get **22.1230, 0.2874, 0.2638**, and if you desaturate by 10%, it is **33.4780, 0.3086, 0.3176**.

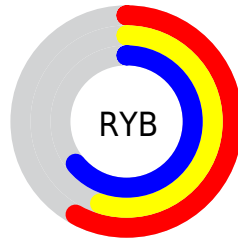
Distribution



Red (58%)

Green (55%)

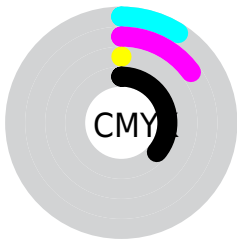
Blue (64%)



Red (58%)

Yellow (55%)

Blue (64%)

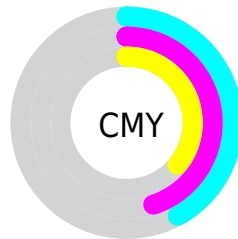


Cyan (9%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4055, 0.2987, 0.2918 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 27.4055, 0.2987, 0.2918 by changing the saturation by 10% instead.

■ 27.4055, 0.2987,
0.2918

■ 27.4055, 0.2987,
0.2918

■ 289.6152, 0.3064,
0.3116

■ 17.8780, 0.2965,
0.2864

■ 55.5339, 0.3017,
0.2993

■ 10.8624, 0.2935,
0.2792

■ 74.9036, 0.3028,
0.3020

■ 5.9744, 0.2891,
0.2691

■ 98.3227, 0.3037,
0.3043

■ 2.8295, 0.2821,
0.2540

■ 126.1758, 0.3044,
0.3062

■ 1.0434, 0.2698,
0.2289

■ 158.8472, 0.3050,
0.3079

■ 0.0000, 0.1522,
0.0000

■ 196.7213, 0.3056,

■ 0.0000, 0.0000,

0.3093

0.0000

240.1825, 0.3060,
0.3105

■ 27.4055, 0.2987,
0.2918

■ 27.4055, 0.2987,
0.2918

■ 22.1230, 0.2874,
0.2638

■ 33.4780, 0.3086,
0.3176

■ 17.5937, 0.2746,
0.2340

■ 40.3682, 0.3170,
0.3411

■ 13.7833, 0.2604,
0.2032

■ 48.1066, 0.3242,
0.3621

■ 10.6533, 0.2453,
0.1727

■ 56.7214, 0.3303,
0.3809

■ 8.1612, 0.2296,
0.1439

■ 66.2391, 0.3354,
0.3976

6.2600, 0.2142,
0.1185

76.6853, 0.3397,
0.4123

4.8957, 0.1999,
0.0980

88.0846, 0.3433,
0.4253

4.0022, 0.1873,
0.0835

90.9210, 0.3498,
0.4248

3.6356, 0.1813,
0.0772

92.6548, 0.3568,
0.4225

Harmonies

Analogous

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



27.4055, 0.2795, 0.2905



27.4055, 0.2987, 0.2918



27.4055, 0.3224, 0.3021

Triad

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



27.4055, 0.2987, 0.2918



27.4055, 0.3580, 0.3570



27.4055, 0.2818, 0.3384

Complementary

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



27.4055, 0.2987, 0.2918



34.9300, 0.3254, 0.3656

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.



27.4055, 0.3020, 0.3583



27.4055, 0.2987, 0.2918



27.4055, 0.3462, 0.3687

Square

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



27.4055, 0.2987, 0.2918



27.4055, 0.3573, 0.3388



27.4055, 0.3255, 0.3695



27.4055, 0.2701, 0.3165

Rectangle

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



27.4055, 0.2987, 0.2918



27.4055, 0.3375, 0.3128



27.4055, 0.3255, 0.3695



27.4055, 0.2878, 0.3457

Sweetspot

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



27.4067, 0.2987, 0.2918



60.7068, 0.3091, 0.3192



31.3119, 0.2904, 0.3152



13.4444, 0.3085, 0.3174



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.4067, 0.2987, 0.2918



45.5021, 0.2948, 0.2819



28.5652, 0.3110, 0.2932



6.9830, 0.3043, 0.3062



2.8498, 0.1822, 0.0777



0.0863, 0.2253, 0.1015

Inverse Universe

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



28.5882, 0.3235, 0.3065



48.0942, 0.3266, 0.3008



33.8269, 0.3139, 0.3669



7.1570, 0.3192, 0.3150



6.8065, 0.4407, 0.2201



0.1517, 0.3877, 0.1909

Previews

White Background



This preview shows how the Yxy color 27.4055, 0.2987, 0.2918 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 27.4055, 0.2987, 0.2918 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 27.4055, 0.2987, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 27.4055, 0.2987, 0.2918.



This preview shows how white text looks on a background with the Yxy color 27.4055, 0.2987, 0.2918.

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

27.4055, 0.2987, 0.2918

Protanopia

27.5516, 0.2880, 0.2926

Deuteranopia

27.3126, 0.2977, 0.2917



Tritanopia

27.4277, 0.3072, 0.3115

Trichromacy



Original Color

27.4055, 0.2987, 0.2918

Protanomaly

27.4809, 0.2918, 0.2928

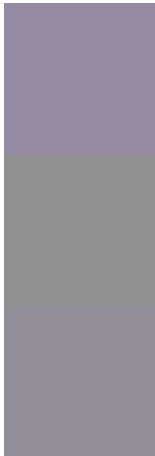
Deuteranomaly

27.3126, 0.2977, 0.2917

Tritanomaly

27.3595, 0.3044, 0.3038

Monochromacy



Original Color

27.4055, 0.2987, 0.2918

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6001, 0.3071, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4055, 0.2987, 0.2918 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, 139, 163)` looks like.

```
.text, #text, p{  
    color:rgb(148, 139, 163)  
}
```

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, 139, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 139, 163) }
```

Border

The CSS property to change the border of an element to Yxy 27.4055, 0.2987, 0.2918 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, 139, 163) }
```

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

```
.border{ border-color:rgb(148, 139, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 139, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 139, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 139, 163);  
box-shadow:4px 4px 4px 4px rgb(148, 139,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4055, 0.2987, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 139, 163) }
```

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

```
.background{ background-color: rgb(148,  
139, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor