

Converting Colors

$Y_{xy}(27.1116, 0.3154, 0.3076)$

Have a look what the booklet for
Yxy(27.1116, 0.3154, 0.3076)
contains.

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Color

Yxy(27.1836, 0.3158, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	998A97
RGB	153, 138, 151
RGB Percent	60%, 54%, 59%
CMY	0.4001, 0.4588, 0.4078
CMYK	0.00, 0.10, 0.01, 0.40
HSL	308°, 7%, 57%
HSV	308°, 10%, 60%
XYZ	27.8088, 27.1836, 33.0659
YIQ	143.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

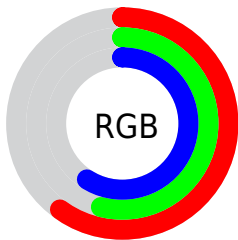
Format	Color
R_{YB}	153, 138, 151
Decimal	10062487
CIE Lab	59.14, 8.04, -4.87
CIE LCh	59, 9.400, 328.769
Yxy	27.1836, 0.3158, 0.3087
Android (android.graphics.Color)	4288252567 (0xFF998A97)
YUV	143.9670, 3.4673, 7.9219
Hunter-Lab	52.1379, 3.9653, -1.1052

Details

The Yxy color $27.1836, 0.3158, 0.3087$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.0715, 0.3098, 0.3502$, and the grayscale version is $27.8601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9348, 0.3151, 0.3126$, and $10.7243, 0.3172, 0.3019$ is the 20% darker color. If you saturate the color by 10%, you get $23.0350, 0.3194, 0.2873$, and if you desaturate by 10%, it is $31.9539, 0.3127, 0.3294$.

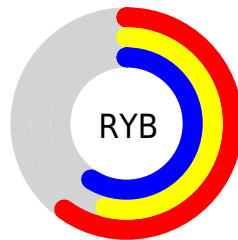
Distribution



Red (60%)

Green (54%)

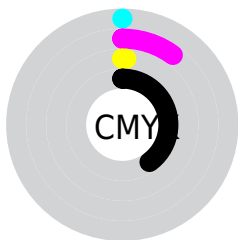
Blue (59%)



Red (60%)

Yellow (54%)

Blue (59%)

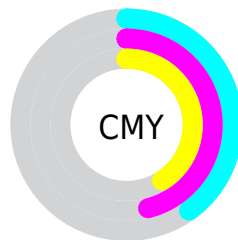


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (40%)



Cyan (40%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1836, 0.3158, 0.3087 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 27.1836, 0.3158, 0.3087 by changing the saturation by 10% instead.


 27.1836, 0.3158,
0.3087


 27.1836, 0.3158,
0.3087


288.5450, 0.3142,
0.3196


 17.7112, 0.3162,
0.3057


 55.1783, 0.3152,
0.3129

 10.7428, 0.3168,
0.3016


 74.4694, 0.3150,
0.3144

 5.8942, 0.3175,
0.2959


 97.8022, 0.3148,
0.3156

 2.7808, 0.3187,
0.2871

125.5610, 0.3146,
0.3167

 1.0184, 0.3204,
0.2720

158.1304, 0.3145,
0.3176

 0.0000, 0.3088,
0.0000

195.8945, 0.3144,

 0.0000, 0.0000,

0.3183

0.0000

239.2379, 0.3143,
0.3190

■ 27.1836, 0.3158,
0.3087

■ 27.1836, 0.3158,
0.3087

■ 23.0350, 0.3194,
0.2873

■ 31.9539, 0.3127,
0.3294

■ 19.4790, 0.3233,
0.2658

■ 37.3667, 0.3099,
0.3492

■ 16.4891, 0.3277,
0.2447

■ 43.4460, 0.3075,
0.3677

■ 14.0357, 0.3324,
0.2250

■ 50.2136, 0.3055,
0.3848

■ 12.0865, 0.3373,
0.2076

■ 57.6903, 0.3038,
0.4006

■ 10.6055, 0.3423,
0.1933

■ 65.8960, 0.3023,
0.4151

■ 9.5520, 0.3472,
0.1829

■ 74.8497, 0.3010,
0.4283

■ 8.8786, 0.3519,
0.1766

■ 81.0818, 0.3000,
0.4354

■ 8.4702, 0.3563,
0.1738

■ 81.1565, 0.2990,
0.4329

Harmonies

Analogous

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



27.1836, 0.3002, 0.3029



27.1836, 0.3158, 0.3087



27.1836, 0.3309, 0.3195

Triad

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



27.1836, 0.3158, 0.3087



27.1836, 0.3376, 0.3545



27.1836, 0.2850, 0.3240

Complementary

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



27.1836, 0.3158, 0.3087



30.0715, 0.3098, 0.3502

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.



27.1836, 0.2946, 0.3385



27.1836, 0.3158, 0.3087



27.1836, 0.3248, 0.3565

Square

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



27.1836, 0.3158, 0.3087



27.1836, 0.3437, 0.3457



27.1836, 0.3091, 0.3506



27.1836, 0.2827, 0.3113

Rectangle

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



27.1836, 0.3158, 0.3087



27.1836, 0.3385, 0.3284



27.1836, 0.3091, 0.3506



27.1836, 0.2875, 0.3288

Sweetspot

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



27.1848, 0.3158, 0.3087



54.3214, 0.3136, 0.3227



26.0333, 0.2997, 0.3047



11.8473, 0.3139, 0.3212



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.1848, 0.3158, 0.3087



46.7761, 0.3166, 0.3035



26.9558, 0.3233, 0.3200



6.3097, 0.3156, 0.3099



6.9993, 0.3561, 0.1736



0.1080, 0.3385, 0.1638

Inverse Universe

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



27.1848, 0.3158, 0.3087



46.7761, 0.3166, 0.3035



30.2930, 0.3032, 0.3382



6.3097, 0.3156, 0.3099



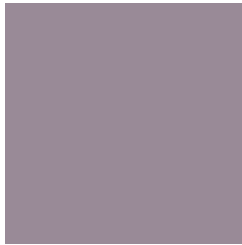
6.9993, 0.3561, 0.1736



0.1080, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 27.1836, 0.3158, 0.3087 looks on a white background.

Color Contrast Check

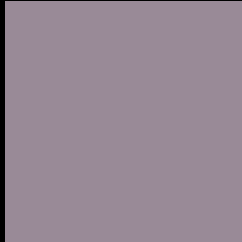
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1836, 0.3158, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

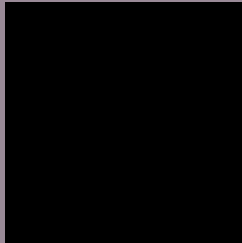
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

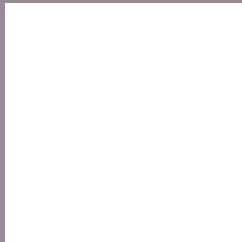
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1836, 0.3158, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 27.1836, 0.3158, 0.3087.



This preview shows how white text looks on a background with the Yxy color 27.1836, 0.3158, 0.3087.

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

27.1836, 0.3158, 0.3087

Protanopia

27.3967, 0.3020, 0.3113

Deuteranopia

27.0867, 0.3148, 0.3086



Tritanopia

27.1192, 0.3179, 0.3118

Trichromacy



Original Color

27.1836, 0.3158, 0.3087

Protanomaly

27.4277, 0.3072, 0.3115

Deuteranomaly

27.0867, 0.3148, 0.3086

Tritanomaly

27.1513, 0.3169, 0.3102

Monochromacy



Original Color

27.1836, 0.3158, 0.3087

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.6556, 0.3131, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1836, 0.3158, 0.3087 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(153, 138, 151)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 151)  
}
```

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(153, 138, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 151) }
```

Border

The CSS property to change the border of an element to Yxy 27.1836, 0.3158, 0.3087 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(153, 138, 151) }
```

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

```
.border{ border-color:rgb(153, 138, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1836, 0.3158, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 151) }
```

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

```
.background{ background-color: rgb(153,  
138, 151) }
```

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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