

Converting Colors

$Y_{xy}(27.0896, 0.3064, 0.3069)$

Have a look what the booklet for
Yxy(27.0896, 0.3064, 0.3069)
contains.

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Color

Yxy(27.2591, 0.3073, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	938C99
RGB	147, 140, 153
RGB Percent	58%, 55%, 60%
CMY	0.4235, 0.4510, 0.4000
CMYK	0.04, 0.08, 0.00, 0.40
HSL	272°, 6%, 57%
HSV	272°, 8%, 60%
XYZ	27.1619, 27.2591, 33.9678
YIQ	143.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

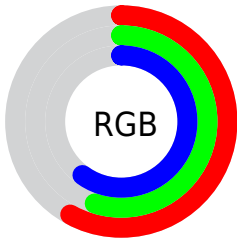
Format	Color
R_{YB}	147, 140, 153
Decimal	9669785
CIE Lab	59.21, 5.14, -5.97
CIE LCh	59, 7.877, 310.771
Yxy	27.2591, 0.3073, 0.3084
Android (android.graphics.Color)	4287859865 (0xFF938C99)
YUV	143.5750, 4.6465, 3.0037
Hunter-Lab	52.2102, 1.4950, -2.0267

Details

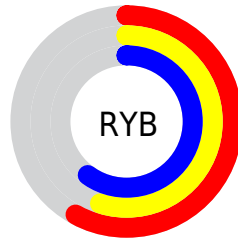
The Yxy color $27.2591, 0.3073, 0.3084$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.7872, 0.3178, 0.3497$, and the grayscale version is $27.6923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5061, 0.3087, 0.3136$, and $10.7584, 0.3046, 0.3013$ is the 20% darker color. If you saturate the color by 10%, you get $22.4633, 0.2999, 0.2824$, and if you desaturate by 10%, it is $32.7189, 0.3136, 0.3325$.

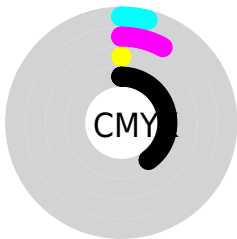
Distribution



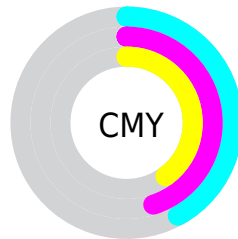
- Red (58%)
- Green (55%)
- Blue (60%)



- Red (58%)
- Yellow (55%)
- Blue (60%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2591, 0.3073, 0.3084 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 27.2591, 0.3073, 0.3084 by changing the saturation by 10% instead.

■ 27.2591, 0.3073,
0.3084

■ 27.2591, 0.3073,
0.3084

■ 288.9095, 0.3103,
0.3195

■ 17.7679, 0.3064,
0.3053

■ 55.2994, 0.3085,
0.3126

■ 10.7835, 0.3052,
0.3012

■ 74.6172, 0.3089,
0.3142

■ 5.9214, 0.3035,
0.2953

■ 97.9794, 0.3092,
0.3154

■ 2.7974, 0.3007,
0.2863

■ 125.7704, 0.3095,
0.3165

■ 1.0269, 0.2956,
0.2708

■ 158.3745, 0.3098,
0.3174

■ 0.0000, 0.1172,
0.0000

■ 196.1761, 0.3100,

■ 0.0000, 0.0000,

0.3182

0.0000

239.5596, 0.3101,
0.3189

■ 27.2591, 0.3073,
0.3084

■ 27.2591, 0.3073,
0.3084

■ 22.4633, 0.2999,
0.2824

■ 32.7189, 0.3136,
0.3325

■ 18.3019, 0.2914,
0.2549

■ 38.8640, 0.3189,
0.3545

■ 14.7479, 0.2817,
0.2265

■ 45.7190, 0.3233,
0.3745

■ 11.7713, 0.2711,
0.1980

■ 53.3061, 0.3270,
0.3925

■ 9.3392, 0.2595,
0.1706

■ 61.6467, 0.3301,
0.4087

■ 7.4156, 0.2475,
0.1456

■ 70.7612, 0.3325,
0.4231

■ 5.9595, 0.2355,
0.1243

■ 80.6693, 0.3346,
0.4360

■ 4.9237, 0.2239,
0.1077

■ 86.5754, 0.3377,
0.4413

■ 4.2141, 0.2131,
0.0956

■ 87.5908, 0.3424,
0.4396

Harmonies

Analogous

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



27.2591, 0.2956, 0.3068



27.2591, 0.3073, 0.3084



27.2591, 0.3207, 0.3152

Triad

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



27.2591, 0.3073, 0.3084



27.2591, 0.3374, 0.3466



27.2591, 0.2937, 0.3322

Complementary

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



27.2591, 0.3073, 0.3084



30.7872, 0.3178, 0.3497

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.



27.2591, 0.3045, 0.3435



27.2591, 0.3073, 0.3084



27.2591, 0.3298, 0.3518

Square

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



27.2591, 0.3073, 0.3084



27.2591, 0.3382, 0.3369



27.2591, 0.3177, 0.3507



27.2591, 0.2879, 0.3202

Rectangle

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



27.2591, 0.3073, 0.3084



27.2591, 0.3287, 0.3218



27.2591, 0.3177, 0.3507



27.2591, 0.2968, 0.3362

Sweetspot

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



27.2603, 0.3073, 0.3084



53.9851, 0.3109, 0.3218



28.4543, 0.3000, 0.3178



11.7546, 0.3104, 0.3199



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.



27.2603, 0.3073, 0.3084



47.2760, 0.3061, 0.3041



27.8145, 0.3141, 0.3095



6.1821, 0.3068, 0.3066



3.4217, 0.2123, 0.0943



0.0728, 0.2584, 0.1197

Inverse Universe

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



27.6039, 0.3208, 0.3196



48.0111, 0.3225, 0.3177



30.2652, 0.3113, 0.3493



6.2677, 0.3215, 0.3188



5.9746, 0.5075, 0.2569



0.0966, 0.4155, 0.2062

Previews

White Background



This preview shows how the Yxy color 27.2591, 0.3073, 0.3084 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 27.2591, 0.3073, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

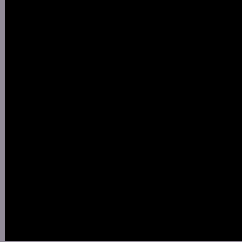
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

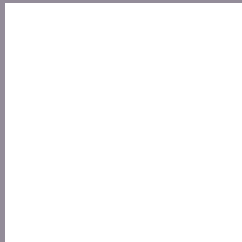
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.2591, 0.3073, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 27.2591, 0.3073, 0.3084.

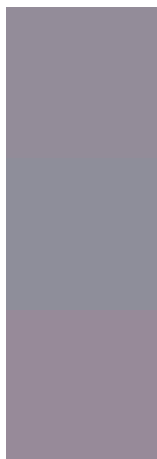


This preview shows how white text looks on a background with the Yxy color 27.2591, 0.3073, 0.3084.

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

27.2591, 0.3073, 0.3084

Protanopia

27.4299, 0.3011, 0.3098

Deuteranopia

27.0562, 0.3117, 0.3055



Tritanopia

27.1936, 0.3093, 0.3115

Trichromacy



Original Color

27.2591, 0.3073, 0.3084

Protanomaly

27.3121, 0.3032, 0.3083

Deuteranomaly

27.2492, 0.3105, 0.3070

Tritanomaly

27.2262, 0.3083, 0.3100

Monochromacy



Original Color

27.2591, 0.3073, 0.3084

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.7712, 0.3109, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2591, 0.3073, 0.3084 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(147, 140, 153)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 153)  
}
```

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(147, 140, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 153) }
```

Border

The CSS property to change the border of an element to Yxy 27.2591, 0.3073, 0.3084 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(147, 140, 153) }
```

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

```
.border{ border-color:rgb(147, 140, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 140, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 140, 153); box-shadow:4px 4px 4px 4px rgb(147, 140, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2591, 0.3073, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 153) }
```

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

```
.background{ background-color: rgb(147,  
140, 153) }
```

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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