

Converting Colors

$Y_{xy}(27.2818, 0.2949, 0.3158)$

Have a look what the booklet for
Yxy(27.2818, 0.2949, 0.3158)
contains.

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Color

Yxy(27.2818, 0.2949, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	869098
RGB	134, 144, 152
RGB Percent	53%, 56%, 60%
CMY	0.4744, 0.4353, 0.4039
CMYK	0.12, 0.05, 0.00, 0.40
HSL	207°, 8%, 56%
HSV	207°, 12%, 60%
XYZ	25.4763, 27.2818, 33.6314
YIQ	141.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

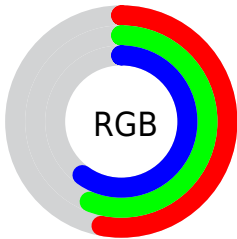
Format	Color
R_YB	134, 140, 152
Decimal	8818840
CIE Lab	59.23, -1.90, -5.48
CIE LCh	59, 5.802, 250.833
Yxy	27.2818, 0.2949, 0.3158
Android (android.graphics.Color)	4287008920 (0xFF869098)
YUV	141.9220, 4.9685, -6.9476
Hunter-Lab	52.2320, -4.3422, -1.6136

Details

The Yxy color **27.2818, 0.2949, 0.3158** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7575, 0.3317, 0.3419**, and the grayscale version is **27.0028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4092, 0.2986, 0.3192**, and **10.8298, 0.2883, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **24.1306, 0.2794, 0.3033**, and if you desaturate by 10%, it is **30.7380, 0.3100, 0.3271**.

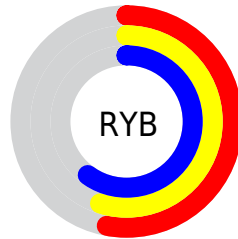
Distribution



Red (53%)

Green (56%)

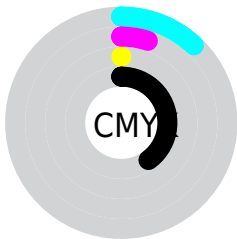
Blue (60%)



Red (53%)

Yellow (55%)

Blue (60%)

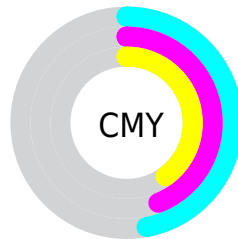


Cyan (12%)

Magenta (5%)

Yellow (0%)

Black (40%)



Cyan (47%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2818, 0.2949, 0.3158 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 27.2818, 0.2949, 0.3158 by changing the saturation by 10% instead.

■ 27.2818, 0.2949,
0.3158

■ 27.2818, 0.2949,
0.3158

■ 289.0190, 0.3046,
0.3230

■ 17.7850, 0.2922,
0.3138

■ 55.3357, 0.2986,
0.3186

■ 10.7957, 0.2885,
0.3110

■ 74.6616, 0.2999,
0.3196

■ 5.9296, 0.2833,
0.3070

■ 98.0327, 0.3010,
0.3204

■ 2.8023, 0.2751,
0.3007

■ 125.8333, 0.3020,
0.3211

■ 1.0294, 0.2608,
0.2894

■ 158.4478, 0.3028,
0.3217

■ 0.0000, 0.0000,
0.0000

196.2607, 0.3034,

0.3222

239.6563, 0.3040,
0.3226

■ 27.2818, 0.2949,
0.3158

■ 27.2818, 0.2949,
0.3158

■ 24.1306, 0.2794,
0.3033

■ 30.7380, 0.3100,
0.3271

■ 21.2714, 0.2638,
0.2896

■ 34.5051, 0.3246,
0.3372

■ 18.6947, 0.2484,
0.2748

■ 38.5931, 0.3385,
0.3461

■ 16.3896, 0.2336,
0.2591

■ 43.0103, 0.3516,
0.3540

■ 14.3441, 0.2199,
0.2425

■ 47.7649, 0.3639,
0.3610

■ 12.5450, 0.2075,
0.2256

■ 52.8646, 0.3755,
0.3671

■ 10.9775, 0.1971,
0.2086

■ 58.3169, 0.3863,
0.3725

■ 9.6247, 0.1887,
0.1919

■ 64.0080, 0.3957,
0.3772

■ 8.6462, 0.1830,
0.1786

■ 67.1796, 0.3928,
0.3840

Harmonies

Analogous

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



27.2818, 0.2944, 0.3226



27.2818, 0.2949, 0.3158



27.2818, 0.3001, 0.3126

Triad

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



27.2818, 0.2949, 0.3158



27.2818, 0.3269, 0.3265



27.2818, 0.3164, 0.3449

Complementary

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



27.2818, 0.2949, 0.3158



27.7575, 0.3317, 0.3419

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.



27.2818, 0.3253, 0.3457



27.2818, 0.2949, 0.3158



27.2818, 0.3314, 0.3349

Square

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



27.2818, 0.2949, 0.3158



27.2818, 0.3186, 0.3188



27.2818, 0.3308, 0.3420



27.2818, 0.3067, 0.3396

Rectangle

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



27.2818, 0.2949, 0.3158



27.2818, 0.3056, 0.3129



27.2818, 0.3308, 0.3420



27.2818, 0.3196, 0.3457

Sweetspot

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



27.2829, 0.2949, 0.3158



52.8291, 0.3067, 0.3246



29.4773, 0.3042, 0.3458



11.9071, 0.3056, 0.3239



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.



27.2829, 0.2949, 0.3158



46.7421, 0.2911, 0.3129



24.7305, 0.2946, 0.3011



6.5654, 0.2989, 0.3188



7.3114, 0.1833, 0.1797



0.1818, 0.2026, 0.2493

Inverse Universe

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



25.7486, 0.3225, 0.3132



43.5717, 0.3248, 0.3098



30.4698, 0.3301, 0.3555



6.2771, 0.3202, 0.3167



6.1434, 0.4689, 0.2357



0.0992, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 27.2818, 0.2949, 0.3158 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 27.2818, 0.2949, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

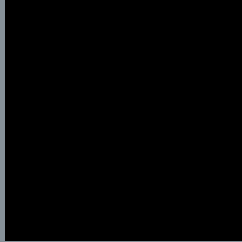
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

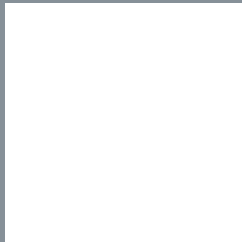
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.2818, 0.2949, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 27.2818, 0.2949, 0.3158.



This preview shows how white text looks on a background with the Yxy color 27.2818, 0.2949, 0.3158.

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

27.2818, 0.2949, 0.3158

Protanopia

27.4200, 0.3050, 0.3145

Deuteranopia

27.0562, 0.3117, 0.3055



Tritanopia

27.4640, 0.2931, 0.3111

Trichromacy



Original Color

27.2818, 0.2949, 0.3158

Protanomaly

27.4547, 0.3019, 0.3160

Deuteranomaly

27.0758, 0.3052, 0.3083

Tritanomaly

27.4305, 0.2940, 0.3127

Monochromacy



Original Color

27.2818, 0.2949, 0.3158

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2092, 0.3056, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2818, 0.2949, 0.3158 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(134, 144, 152)` looks like.

```
.text, #text, p{  
    color:rgb(134, 144, 152)  
}
```

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(134, 144, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 144, 152) }
```

Border

The CSS property to change the border of an element to Yxy 27.2818, 0.2949, 0.3158 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(134, 144, 152) }
```

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

```
.border{ border-color:rgb(134, 144, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 144, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 144, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 144, 152);  
box-shadow:4px 4px 4px 4px rgb(134, 144,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2818, 0.2949, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 144, 152) }
```

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

```
.background{ background-color: rgb(134,  
144, 152) }
```

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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