

Converting Colors

$Y_{xy}(24.0038, 0.2967, 0.2958)$

Have a look what the booklet for
Yxy(24.0038, 0.2967, 0.2958)
contains.

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Color

Yxy(24.0038, 0.2967, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	888498
RGB	136, 132, 152
RGB Percent	53%, 52%, 60%
CMY	0.4665, 0.4824, 0.4039
CMYK	0.10, 0.13, 0.00, 0.40
HSL	252°, 9%, 56%
HSV	252°, 13%, 60%
XYZ	24.0768, 24.0038, 33.0681
YIQ	135.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

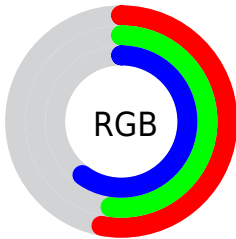
Format	Color
R_{YB}	136, 132, 152
Decimal	8946840
CIE _{Lab}	56.09, 5.63, -10.14
CIE _{LCh}	56, 11.596, 299.028
Yxy	24.0038, 0.2967, 0.2958
Android (android.graphics.Color)	4287136920 (0xFF888498)
YUV	135.4760, 8.1463, 0.4595
Hunter-Lab	48.9937, 1.9809, -5.7220

Details

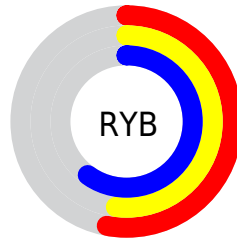
The Yxy color $24.0038, 0.2967, 0.2958$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.4118, 0.3275, 0.3610$, and the grayscale version is $24.3873, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9730, 0.3001, 0.3031$, and $9.1045, 0.2903, 0.2848$ is the 20% darker color. If you saturate the color by 10%, you get $19.2201, 0.2825, 0.2674$, and if you desaturate by 10%, it is $29.5049, 0.3091, 0.3215$.

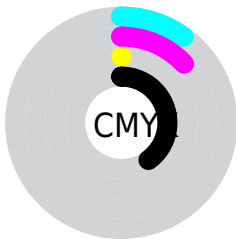
Distribution



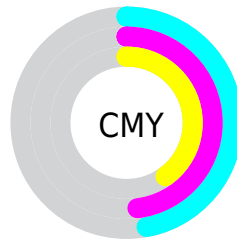
- Red (53%)
- Green (52%)
- Blue (60%)



- Red (53%)
- Yellow (52%)
- Blue (60%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0038, 0.2967, 0.2958 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 24.0038, 0.2967, 0.2958 by changing the saturation by 10% instead.

■ 24.0038, 0.2967,
0.2958

■ 24.0038, 0.2967,
0.2958

272.8397, 0.3057,
0.3139

■ 15.3364, 0.2941,
0.2907

■ 50.0364, 0.3002,
0.3028

■ 9.0558, 0.2905,
0.2837

■ 68.1704, 0.3015,
0.3053

■ 4.7776, 0.2851,
0.2737

■ 90.2288, 0.3025,
0.3074

■ 2.1174, 0.2764,
0.2581

116.5959, 0.3033,
0.3091

■ 0.6744, 0.2612,
0.2263

147.6562, 0.3040,
0.3106

■ 0.0000, 0.0000,
0.0000

183.7940, 0.3047,

0.3119

225.3937, 0.3052,
0.3130

■ 24.0038, 0.2967,
0.2958

■ 24.0038, 0.2967,
0.2958

■ 19.2201, 0.2825,
0.2674

■ 29.5049, 0.3091,
0.3215

■ 15.1212, 0.2667,
0.2367

■ 35.7483, 0.3199,
0.3444

■ 11.6763, 0.2494,
0.2044

■ 42.7615, 0.3292,
0.3646

■ 8.8511, 0.2311,
0.1717

■ 50.5695, 0.3371,
0.3823

■ 6.6081, 0.2128,
0.1404

■ 59.1964, 0.3438,
0.3979

■ 4.9057, 0.1953,
0.1124

■ 68.6651, 0.3496,
0.4115

■ 3.6966, 0.1800,
0.0899

■ 78.9976, 0.3544,
0.4233

■ 2.9253, 0.1677,
0.0741

■ 90.2153, 0.3586,
0.4338

■ 2.5548, 0.1611,
0.0661

■ 93.2235, 0.3665,
0.4318

Harmonies

Analogous

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



24.0038, 0.2814, 0.2966



24.0038, 0.2967, 0.2958



24.0038, 0.3168, 0.3032

Triad

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



24.0038, 0.2967, 0.2958



24.0038, 0.3526, 0.3504



24.0038, 0.2893, 0.3411

Complementary

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



24.0038, 0.2967, 0.2958



30.4118, 0.3275, 0.3610

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.



24.0038, 0.3077, 0.3569



24.0038, 0.2967, 0.2958



24.0038, 0.3445, 0.3618

Square

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



24.0038, 0.2967, 0.2958



24.0038, 0.3495, 0.3340



24.0038, 0.3280, 0.3645



24.0038, 0.2772, 0.3222

Rectangle

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



24.0038, 0.2967, 0.2958



24.0038, 0.3302, 0.3118



24.0038, 0.3280, 0.3645



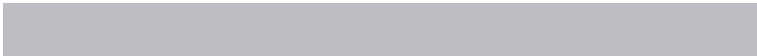
24.0038, 0.2949, 0.3470

Sweetspot

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



24.0048, 0.2967, 0.2958



51.1385, 0.3081, 0.3192



28.3501, 0.2931, 0.3224



11.4590, 0.3072, 0.3175



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.



24.0048, 0.2967, 0.2958



39.5792, 0.2924, 0.2872



24.8775, 0.3075, 0.2969



6.0836, 0.3018, 0.3062



2.1535, 0.1616, 0.0664



0.0451, 0.1972, 0.0860

Inverse Universe

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



25.3115, 0.3185, 0.3037



42.3864, 0.3200, 0.2975



29.5237, 0.3172, 0.3620



6.3022, 0.3166, 0.3114



6.7636, 0.3784, 0.1858



0.1060, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 24.0038, 0.2967, 0.2958 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 24.0038, 0.2967, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

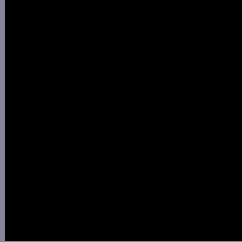
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0038, 0.2967, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 24.0038, 0.2967, 0.2958.



This preview shows how white text looks on a background with the Yxy color 24.0038, 0.2967, 0.2958.

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

24.0038, 0.2967, 0.2958

Protanopia

23.9003, 0.2904, 0.2954

Deuteranopia

23.9886, 0.2999, 0.2945



Tritanopia

23.9396, 0.3036, 0.3104

Trichromacy



Original Color

24.0038, 0.2967, 0.2958

Protanomaly

24.0615, 0.2925, 0.2956

Deuteranomaly

23.9029, 0.2988, 0.2943

Tritanomaly

24.0325, 0.3006, 0.3055

Monochromacy



Original Color

24.0038, 0.2967, 0.2958

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1242, 0.3066, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0038, 0.2967, 0.2958 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(136, 132, 152)` looks like.

```
.text, #text, p{  
    color:rgb(136, 132, 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(136, 132, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 132, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.0038, 0.2967, 0.2958 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(136, 132, 152) }
```

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

```
.border{ border-color:rgb(136, 132, 152) }
```

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

Here you see how a box with a 4 pixel rgb(136, 132, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 132, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 132, 152);  
box-shadow:4px 4px 4px 4px rgb(136, 132,  
152) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.0038, 0.2967, 0.2958$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 132, 152) }
```

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

```
.background{ background-color: rgb(136,  
132, 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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