

Converting Colors

$Y_{xy}(23.8229, 0.3259, 0.3208)$

Have a look what the booklet for
Yxy(23.8229, 0.3259, 0.3208)
contains.

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Color

Yxy(23.8255, 0.3259, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	928287
RGB	146, 130, 135
RGB Percent	57%, 51%, 53%
CMY	0.4276, 0.4901, 0.4706
CMYK	0.00, 0.11, 0.08, 0.43
HSL	341°, 7%, 54%
HSV	341°, 11%, 57%
XYZ	24.2043, 23.8255, 26.2392
YIQ	135.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

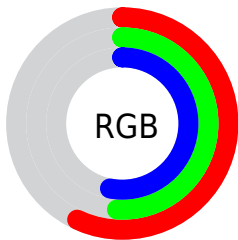
Format	Color
R _Y B	146, 130, 135
Decimal	9601671
CIE Lab	55.91, 6.96, -0.47
CIE LCh	56, 6.971, 356.119
Yxy	23.8255, 0.3259, 0.3208
Android (android.graphics.Color)	4287791751 (0xFF928287)
YUV	135.3540, -0.1745, 9.3365
Hunter-Lab	48.8114, 3.0935, 2.2958

Details

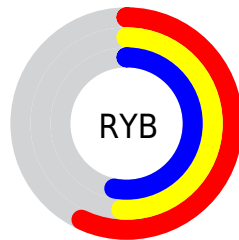
The Yxy color $23.8255, 0.3259, 0.3208$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.2171, 0.3011, 0.3374$, and the grayscale version is $24.3642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.7772, 0.3232, 0.3229$, and $8.9736, 0.3309, 0.3192$ is the 20% darker color. If you saturate the color by 10%, you get $19.9445, 0.3407, 0.3128$, and if you desaturate by 10%, it is $28.2862, 0.3137, 0.3283$.

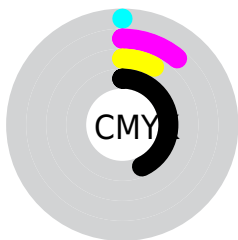
Distribution



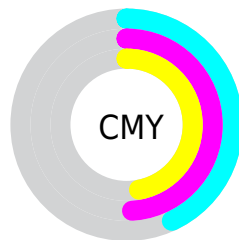
- Red (57%)
- Green (51%)
- Blue (53%)



- Red (57%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (43%)





- Cyan (43%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8255, 0.3259, 0.3208 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 23.8255, 0.3259, 0.3208 by changing the saturation by 10% instead.


 23.8255, 0.3259,
0.3208


 23.8255, 0.3259,
0.3208


271.9371, 0.3186,
0.3254

 15.2042, 0.3280,
0.3195


 49.7453, 0.3230,
0.3226

 8.9628, 0.3310,
0.3177


 67.8126, 0.3220,
0.3232

 4.7170, 0.3353,
0.3150

 89.7974, 0.3212,
0.3237

 2.0822, 0.3423,
0.3106

116.0840, 0.3205,
0.3242

 0.6546, 0.3613,
0.2986

147.0569, 0.3199,
0.3245

 0.0000, 0.0000,
0.0000

183.1005, 0.3194,

0.3248

224.5990, 0.3190,
0.3251

■ 23.8255, 0.3259,
0.3208

■ 23.8255, 0.3259,
0.3208

■ 19.9445, 0.3407,
0.3128

■ 28.2862, 0.3137,
0.3283

■ 16.6163, 0.3588,
0.3046

■ 33.3458, 0.3037,
0.3353

■ 13.8164, 0.3805,
0.2965

■ 39.0267, 0.2956,
0.3418

■ 11.5174, 0.4063,
0.2889

■ 45.3491, 0.2888,
0.3477

■ 9.6893, 0.4362,
0.2829

■ 52.3321, 0.2832,
0.3530

■ 8.2988, 0.4694,
0.2793

■ 59.9942, 0.2786,
0.3580

■ 7.3084, 0.5044,
0.2792

■ 68.3532, 0.2748,
0.3624

■ 6.6739, 0.5386,
0.2836

■ 77.4262, 0.2715,
0.3665

■ 6.3009, 0.5675,
0.2900

■ 83.0872, 0.2679,
0.3633

Harmonies

Analogous

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



23.8255, 0.3141, 0.3126



23.8255, 0.3259, 0.3208



23.8255, 0.3343, 0.3312

Triad

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



23.8255, 0.3259, 0.3208



23.8255, 0.3232, 0.3503



23.8255, 0.2893, 0.3161

Complementary

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



23.8255, 0.3259, 0.3208



27.2171, 0.3011, 0.3374

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.



23.8255, 0.2916, 0.3262



23.8255, 0.3259, 0.3208



23.8255, 0.3110, 0.3463

Square

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



23.8255, 0.3259, 0.3208



23.8255, 0.3326, 0.3484



23.8255, 0.2995, 0.3373



23.8255, 0.2930, 0.3097

Rectangle

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



23.8255, 0.3259, 0.3208



23.8255, 0.3367, 0.3381



23.8255, 0.2995, 0.3373



23.8255, 0.2894, 0.3191

Sweetspot

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



23.8265, 0.3259, 0.3208



48.1580, 0.3161, 0.3268



23.6994, 0.3082, 0.3026



10.5765, 0.3170, 0.3262



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.8265, 0.3259, 0.3208



40.3633, 0.3291, 0.3190



24.4789, 0.3309, 0.3339



5.8434, 0.3236, 0.3221



5.5514, 0.5662, 0.2893



0.0728, 0.4598, 0.2307

Inverse Universe

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



23.8265, 0.3259, 0.3208



40.3633, 0.3291, 0.3190



26.4787, 0.2964, 0.3240



5.8434, 0.3236, 0.3221



5.5514, 0.5662, 0.2893



0.0728, 0.4598, 0.2307

Previews

White Background



This preview shows how the Yxy color 23.8255, 0.3259, 0.3208 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 23.8255, 0.3259, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

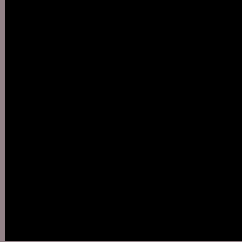
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8255, 0.3259, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 23.8255, 0.3259, 0.3208.



This preview shows how white text looks on a background with the Yxy color 23.8255, 0.3259, 0.3208.

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

23.8255, 0.3259, 0.3208

Protanopia

23.8154, 0.3119, 0.3222

Deuteranopia

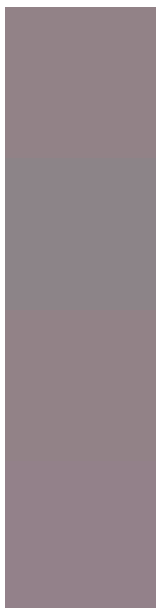
23.8255, 0.3259, 0.3208



Tritanopia

23.7676, 0.3228, 0.3126

Trichromacy



Original Color

23.8255, 0.3259, 0.3208

Protanomaly

23.8556, 0.3176, 0.3223

Deuteranomaly

23.8255, 0.3259, 0.3208

Tritanomaly

23.7385, 0.3239, 0.3142

Monochromacy



Original Color

23.8255, 0.3259, 0.3208

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.0133, 0.3174, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8255, 0.3259, 0.3208 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(146, 130, 135)` looks like.

```
.text, #text, p{  
    color:rgb(146, 130, 135)  
}
```

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(146, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 130, 135) }
```

Border

The CSS property to change the border of an element to Yxy 23.8255, 0.3259, 0.3208 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(146, 130, 135) }
```

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

```
.border{ border-color:rgb(146, 130, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 130, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(146, 130,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8255, 0.3259, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 130, 135) }
```

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

```
.background{ background-color: rgb(146,  
130, 135) }
```

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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