

Converting Colors

$Y_{xy}(23.8458, 0.3591, 0.3193)$

Have a look what the booklet for
Yxy(23.8458, 0.3591, 0.3193)
contains.

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Color

Yxy(23.8579, 0.3589, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	A67B81
RGB	166, 123, 129
RGB Percent	65%, 48%, 51%
CMY	0.3490, 0.5177, 0.4940
CMYK	0.00, 0.26, 0.22, 0.35
HSL	352°, 19%, 57%
HSV	352°, 26%, 65%
XYZ	26.7749, 23.8579, 23.9698
YIQ	136.5410, 23.7020, 10.9820

Conversions

Conversions Part 2

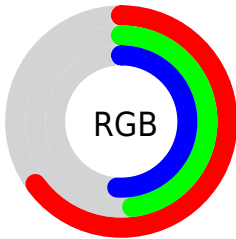
Format	Color
RYB	166, 123, 129
Decimal	10910593
CIELab	55.95, 17.66, 3.28
CIElCh	56, 17.961, 10.526
Yxy	23.8579, 0.3589, 0.3198
Android (android.graphics.Color)	4289100673 (0xFFA67B81)
YUV	136.5410, -3.7177, 25.8355
Hunter-Lab	48.8445, 12.3694, 5.0954

Details

The Yxy color $23.8579, 0.3589, 0.3198$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.0267, 0.2801, 0.3385$, and the grayscale version is $24.8430, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9577, 0.3488, 0.3221$, and $8.9875, 0.3763, 0.3159$ is the 20% darker color. If you saturate the color by 10%, you get $19.7301, 0.3846, 0.3161$, and if you desaturate by 10%, it is $28.7395, 0.3380, 0.3235$.

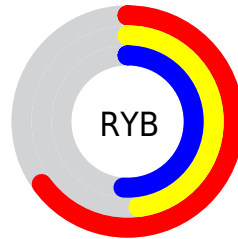
Distribution



Red (65%)

Green (48%)

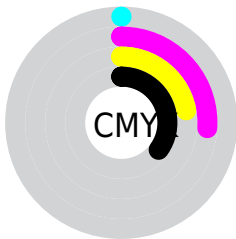
Blue (51%)



Red (65%)

Yellow (48%)

Blue (51%)

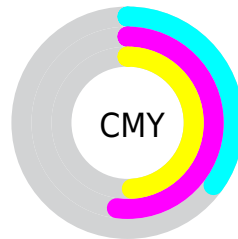


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.8579, 0.3589, 0.3198 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 23.8579, 0.3589, 0.3198 by changing the saturation by 10% instead.


 23.8579, 0.3589,
0.3198

 23.8579, 0.3589,
0.3198


272.1013, 0.3331,
0.3252

 15.2282, 0.3664,
0.3181


 49.7982, 0.3488,
0.3220

 8.9797, 0.3769,
0.3158


 67.8777, 0.3452,
0.3227

 4.7280, 0.3923,
0.3121

 89.8758, 0.3423,
0.3233

 2.0885, 0.4174,
0.3057

116.1771, 0.3399,
0.3238

 0.6582, 0.4843,
0.2964

147.1659, 0.3378,
0.3242

 0.0000, 1.0000,
0.0000

183.2266, 0.3360,

 0.0000, 0.0000,

0.3246

0.0000

224.7436, 0.3345,
0.3249

■ 23.8579, 0.3589,
0.3198

■ 23.8579, 0.3589,
0.3198

■ 19.7301, 0.3846,
0.3161

■ 28.7395, 0.3380,
0.3235

■ 16.3152, 0.4156,
0.3126

■ 34.4063, 0.3211,
0.3270

■ 13.5739, 0.4523,
0.3099


■ 40.8920, 0.3075,
0.3303


■ 11.4613, 0.4935,
0.3084


■ 48.2275, 0.2964,
0.3333

■ 9.9273, 0.5366,
0.3090


■ 56.4419, 0.2874,
0.3361


 8.9141, 0.5770,
0.3120


 65.5630, 0.2800,
0.3385

 8.3452, 0.6092,
0.3172

 75.6174, 0.2740,
0.3408

 8.1716, 0.6200,
0.3189

 86.1138, 0.2688,
0.3419

 86.8488, 0.2633,
0.3289

Harmonies

Analogous

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



23.8579, 0.3309, 0.2968



23.8579, 0.3589, 0.3198



23.8579, 0.3741, 0.3459

Triad

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



23.8579, 0.3589, 0.3198



23.8579, 0.3240, 0.3825



23.8579, 0.2565, 0.2861

Complementary

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



23.8579, 0.3589, 0.3198



34.0267, 0.2801, 0.3385

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.



23.8579, 0.2550, 0.3071



23.8579, 0.3589, 0.3198



23.8579, 0.2929, 0.3647

Square

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



23.8579, 0.3589, 0.3198



23.8579, 0.3531, 0.3835



23.8579, 0.2680, 0.3362



23.8579, 0.2722, 0.2775

Rectangle

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



23.8579, 0.3589, 0.3198



23.8579, 0.3745, 0.3622



23.8579, 0.2680, 0.3362



23.8579, 0.2544, 0.2919

Sweetspot

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



23.8590, 0.3589, 0.3198



60.0058, 0.3246, 0.3263



24.3471, 0.3084, 0.2646



13.0811, 0.3270, 0.3258



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.8590, 0.3589, 0.3198



38.8873, 0.3728, 0.3177



27.7307, 0.3608, 0.3523



7.5588, 0.3264, 0.3259



6.3397, 0.6183, 0.3180



0.1592, 0.5500, 0.2804

Inverse Universe

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



23.8590, 0.3589, 0.3198



38.8873, 0.3728, 0.3177



29.0844, 0.2734, 0.3045



7.5588, 0.3264, 0.3259



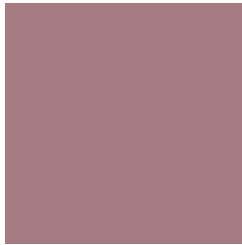
6.3397, 0.6183, 0.3180



0.1592, 0.5500, 0.2804

Previews

White Background



This preview shows how the Yxy color 23.8579, 0.3589, 0.3198 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 23.8579, 0.3589, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

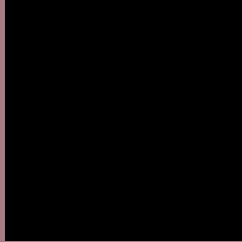
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8579, 0.3589, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 23.8579, 0.3589, 0.3198.



This preview shows how white text looks on a background with the Yxy color 23.8579, 0.3589, 0.3198.

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

23.8579, 0.3589, 0.3198

Protanopia

24.0337, 0.3139, 0.3273

Deuteranopia

24.0078, 0.3386, 0.3324



Tritanopia

23.9389, 0.3552, 0.3152

Trichromacy



Original Color

23.8579, 0.3589, 0.3198

Protanomaly

23.8618, 0.3293, 0.3241

Deuteranomaly

23.8052, 0.3466, 0.3275

Tritanomaly

23.9116, 0.3564, 0.3168

Monochromacy



Original Color

23.8579, 0.3589, 0.3198

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5197, 0.3291, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8579, 0.3589, 0.3198 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(166, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 123, 129)  
}
```

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(166, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 123, 129) }
```

Border

The CSS property to change the border of an element to Yxy 23.8579, 0.3589, 0.3198 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(166, 123, 129) }
```

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

```
.border{ border-color:rgb(166, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 123, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 123, 129); box-shadow:4px 4px 4px 4px rgb(166, 123, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8579, 0.3589, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 123, 129) }
```

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

```
.background{ background-color: rgb(166,  
123, 129) }
```

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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