

Converting Colors

$Y_{xy}(26.7577, 0.3593, 0.4060)$

Have a look what the booklet for
Yxy(26.7577, 0.3593, 0.4060)
contains.

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Color

Yxy(26.7577, 0.3593, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	909062
RGB	144, 144, 98
RGB Percent	56%, 56%, 38%
CMY	0.4353, 0.4353, 0.6157
CMYK	0.00, 0.00, 0.32, 0.44
HSL	60°, 19%, 47%
HSV	60°, 32%, 56%
XYZ	23.6799, 26.7577, 15.4681
YIQ	138.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

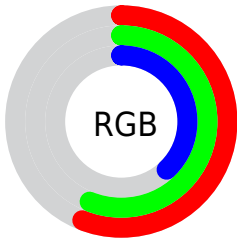
Format	Color
RYB	98, 144, 98
Decimal	9474146
CIELab	58.75, -7.58, 24.52
CIElCh	59, 25.665, 107.172
Yxy	26.7577, 0.3593, 0.4060
Android (android.graphics.Color)	4287664226 (0xFF909062)
YUV	138.7560, -20.0927, 4.5990
Hunter-Lab	51.7278, -8.8102, 18.4801

Details

The Yxy color $26.7577, 0.3593, 0.4060$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.3434, 0.2579, 0.2383$, and the grayscale version is $25.7950, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5639, 0.3497, 0.3901$, and $10.5716, 0.3739, 0.4337$ is the 20% darker color. If you saturate the color by 10%, you get $26.5104, 0.3733, 0.4291$, and if you desaturate by 10%, it is $27.0563, 0.3447, 0.3818$.

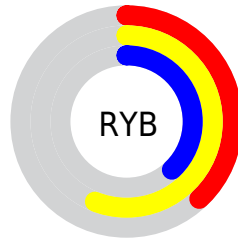
Distribution



Red (56%)

Green (56%)

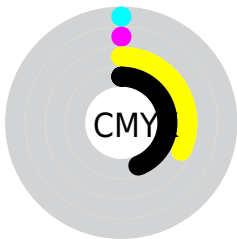
Blue (38%)



Red (38%)

Yellow (56%)

Blue (38%)

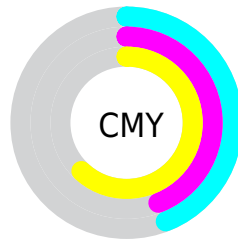


Cyan (0%)

Magenta (0%)

Yellow (32%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7577, 0.3593, 0.4060 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 26.7577, 0.3593, 0.4060 by changing the saturation by 10% instead.


 26.7577, 0.3593,
0.4060


 26.7577, 0.3593,
0.4060


286.4820, 0.3346,
0.3635


 17.3913, 0.3658,
0.4180


 54.4948, 0.3500,
0.3896


 10.5139, 0.3741,
0.4341


 73.6343, 0.3466,
0.3837

 5.7410, 0.3851,
0.4569

 96.8004, 0.3438,
0.3789

 2.6882, 0.4034,
0.4959

 124.3773, 0.3414,
0.3748

 0.9712, 0.4310,
0.5690

156.7496, 0.3393,
0.3713

 0.0000, 0.0000,
0.0000

194.3015, 0.3375,

0.3684

237.4175, 0.3360,
0.3658

■ 26.7577, 0.3593,
0.4060

■ 26.7577, 0.3593,
0.4060

■ 26.5104, 0.3733,
0.4291

■ 27.0563, 0.3447,
0.3818

■ 26.3083, 0.3861,
0.4504

■ 27.4051, 0.3299,
0.3575

■ 26.1496, 0.3973,
0.4688


■ 27.8075, 0.3155,
0.3336

■ 26.0312, 0.4063,
0.4838

■ 28.2657, 0.3016,
0.3106

■ 25.9493, 0.4130,
0.4947

■ 28.7817, 0.2885,
0.2890


 25.8999, 0.4171,
0.5016

 29.3574, 0.2764,
0.2689

 25.8739, 0.4193,
0.5052

 29.9947, 0.2652,
0.2504

 30.6952, 0.2550,
0.2335

 31.4607, 0.2457,
0.2182

Harmonies

Analogous

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



26.7577, 0.3896, 0.3889



26.7577, 0.3593, 0.4060



26.7577, 0.3177, 0.4004

Triad

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



26.7577, 0.3593, 0.4060



26.7577, 0.2336, 0.2904



26.7577, 0.3469, 0.2916

Complementary

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



26.7577, 0.3593, 0.4060



13.3434, 0.2579, 0.2383

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.



26.7577, 0.3029, 0.2688



26.7577, 0.3593, 0.4060



26.7577, 0.2399, 0.2663

Square

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



26.7577, 0.3593, 0.4060



26.7577, 0.2464, 0.3287



26.7577, 0.2643, 0.2594



26.7577, 0.3830, 0.3234

Rectangle

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



26.7577, 0.3593, 0.4060



26.7577, 0.2895, 0.3829



26.7577, 0.2643, 0.2594



26.7577, 0.3324, 0.2827

Sweetspot

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



26.7589, 0.3593, 0.4060



48.4479, 0.3274, 0.3532



15.5588, 0.3816, 0.3278



11.0908, 0.3292, 0.3563



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.



26.7589, 0.3593, 0.4060



46.8829, 0.3689, 0.4220



24.9509, 0.3338, 0.4129



6.2853, 0.3259, 0.3508



22.5289, 0.4193, 0.5052



0.2154, 0.4193, 0.5052

Inverse Universe

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



13.3434, 0.2579, 0.2383



19.5822, 0.2440, 0.2154



14.7561, 0.2850, 0.2448



5.2551, 0.2990, 0.3063



1.7538, 0.1500, 0.0600



0.0168, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 26.7577, 0.3593, 0.4060 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 26.7577, 0.3593, 0.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

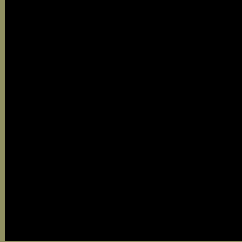
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7577, 0.3593, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 26.7577, 0.3593, 0.4060.



This preview shows how white text looks on a background with the Yxy color 26.7577, 0.3593, 0.4060.

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

26.7577, 0.3593, 0.4060

Protanopia

26.6851, 0.3723, 0.4003

Deuteranopia

26.5729, 0.3904, 0.3827



Tritanopia

26.7991, 0.3156, 0.3132

Trichromacy



Original Color

26.7577, 0.3593, 0.4060

Protanomaly

26.6931, 0.3683, 0.4028

Deuteranomaly

26.4487, 0.3790, 0.3910

Tritanomaly

26.6638, 0.3319, 0.3454

Monochromacy



Original Color

26.7577, 0.3593, 0.4060

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1677, 0.3301, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7577, 0.3593, 0.4060 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(144, 144, 98)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 98)  
}
```

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(144, 144, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.7577, 0.3593, 0.4060 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(144, 144, 98) }
```

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

```
.border{ border-color:rgb(144, 144, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 98);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7577, 0.3593, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 98) }
```

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

```
.background{ background-color: rgb(144,  
144, 98) }
```

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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