

Converting Colors

$Y_{xy}(26.7813, 0.3393, 0.3580)$

Have a look what the booklet for
Yxy(26.7813, 0.3393, 0.3580)
contains.

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Color

Yxy(26.7757, 0.3390, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	948D7B
RGB	148, 141, 123
RGB Percent	58%, 55%, 48%
CMY	0.4197, 0.4470, 0.5176
CMYK	0.00, 0.05, 0.17, 0.42
HSL	43°, 10%, 53%
HSV	43°, 17%, 58%
XYZ	25.3122, 26.7757, 22.5794
YIQ	141.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

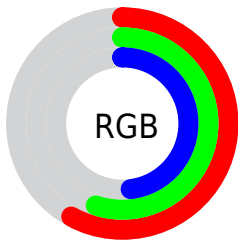
Format	Color
RYB	133, 148, 123
Decimal	9735547
CIELab	58.77, -0.58, 10.53
CIELCh	59, 10.542, 93.156
Yxy	26.7757, 0.3390, 0.3586
Android (android.graphics.Color)	4287925627 (0xFF948D7B)
YUV	141.0410, -8.8942, 6.1030
Hunter-Lab	51.7452, -3.2373, 10.3501

Details

The Yxy color $26.7757, 0.3390, 0.3586$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.3166, 0.2866, 0.2975$, and the grayscale version is $26.6860, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6819, 0.3336, 0.3535$, and $10.5180, 0.3487, 0.3702$ is the 20% darker color. If you saturate the color by 10%, you get $25.2357, 0.3563, 0.3769$, and if you desaturate by 10%, it is $28.4197, 0.3230, 0.3408$.

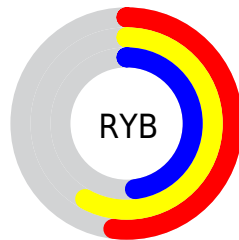
Distribution



Red (58%)

Green (55%)

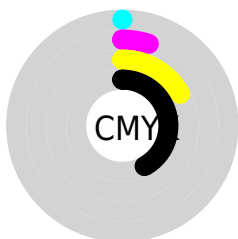
Blue (48%)



Red (52%)

Yellow (58%)

Blue (48%)

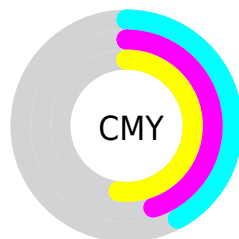


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7757, 0.3390, 0.3586 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 26.7757, 0.3390, 0.3586 by changing the saturation by 10% instead.


 26.7757, 0.3390,
0.3586

 26.7757, 0.3390,
0.3586


286.5695, 0.3247,
0.3424


 17.4048, 0.3430,
0.3632


 54.5237, 0.3335,
0.3524

 10.5236, 0.3485,
0.3694


 73.6697, 0.3315,
0.3501

 5.7474, 0.3563,
0.3783

 96.8428, 0.3299,
0.3483

 2.6921, 0.3685,
0.3922

124.4275, 0.3285,
0.3467

 0.9732, 0.4129,
0.4416

156.8081, 0.3273,
0.3454

 0.0000, 0.0000,
0.0000

194.3690, 0.3263,

0.3443

237.4947, 0.3254,
0.3433

■ 26.7757, 0.3390,
0.3586

■ 26.7757, 0.3390,
0.3586

■ 25.2357, 0.3563,
0.3769

■ 28.4197, 0.3230,
0.3408

■ 23.7932, 0.3746,
0.3952

■ 30.1671, 0.3083,
0.3238

■ 22.4462, 0.3936,
0.4128

■ 32.0216, 0.2950,
0.3078

■ 21.1912, 0.4126,
0.4287

■ 33.9859, 0.2830,
0.2929

■ 20.0245, 0.4310,
0.4421

■ 36.0624, 0.2722,
0.2792

■ 18.9419, 0.4478,
0.4520

■ 38.2535, 0.2626,
0.2666

■ 17.9387, 0.4624,
0.4575

■ 40.5614, 0.2540,
0.2550

■ 17.0075, 0.4743,
0.4586

■ 42.9885, 0.2463,
0.2445

■ 16.7266, 0.4779,
0.4587

■ 45.4585, 0.2400,
0.2360

Harmonies

Analogous

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



26.7757, 0.3472, 0.3496



26.7757, 0.3390, 0.3586



26.7757, 0.3238, 0.3596

Triad

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



26.7757, 0.3390, 0.3586



26.7757, 0.2806, 0.3209



26.7757, 0.3188, 0.3077

Complementary

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



26.7757, 0.3390, 0.3586



22.3166, 0.2866, 0.2975

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.



26.7757, 0.3010, 0.3003



26.7757, 0.3390, 0.3586



26.7757, 0.2793, 0.3073

Square

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



26.7757, 0.3390, 0.3586



26.7757, 0.2903, 0.3374



26.7757, 0.2867, 0.3000



26.7757, 0.3354, 0.3204

Rectangle

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



26.7757, 0.3390, 0.3586



26.7757, 0.3119, 0.3554



26.7757, 0.2867, 0.3000



26.7757, 0.3127, 0.3045

Sweetspot

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



26.7769, 0.3390, 0.3586



50.6861, 0.3203, 0.3377



22.0802, 0.3352, 0.3173



11.5266, 0.3212, 0.3388



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.7769, 0.3390, 0.3586



46.2745, 0.3450, 0.3650



28.4092, 0.3313, 0.3703



6.4732, 0.3266, 0.3449



14.3367, 0.4775, 0.4591



0.2253, 0.4458, 0.4842

Inverse Universe

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



22.3166, 0.2866, 0.2975



36.9879, 0.2808, 0.2902



20.9314, 0.2921, 0.2857



5.8814, 0.2989, 0.3126



3.2456, 0.1608, 0.0989



0.0843, 0.1826, 0.1772

Previews

White Background



This preview shows how the Yxy color 26.7757, 0.3390, 0.3586 looks on a white background.

Color Contrast Check

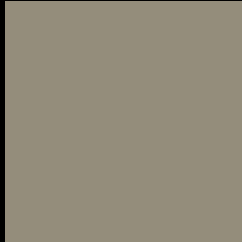
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7757, 0.3390, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

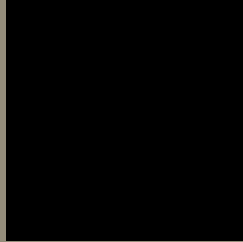
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

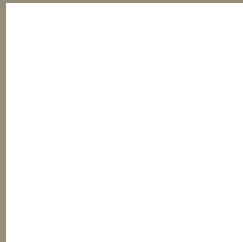
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.7757, 0.3390, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 26.7757, 0.3390, 0.3586.



This preview shows how white text looks on a background with the Yxy color 26.7757, 0.3390, 0.3586.

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

26.7757, 0.3390, 0.3586

Protanopia

26.7757, 0.3390, 0.3586

Deuteranopia

26.6406, 0.3545, 0.3480



Tritanopia

26.6087, 0.3168, 0.3116

Trichromacy



Original Color

26.7757, 0.3390, 0.3586

Protanomaly

26.7757, 0.3390, 0.3586

Deuteranomaly

26.7001, 0.3480, 0.3515

Tritanomaly

26.5251, 0.3250, 0.3274

Monochromacy



Original Color

26.7757, 0.3390, 0.3586

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.7003, 0.3231, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7757, 0.3390, 0.3586 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(148, 141, 123)` looks like.

```
.text, #text, p{  
    color:rgb(148, 141, 123)  
}
```

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(148, 141, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 141, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.7757, 0.3390, 0.3586 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(148, 141, 123) }
```

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

```
.border{ border-color:rgb(148, 141, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 141, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 141, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 141, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 141,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7757, 0.3390, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 141, 123) }
```

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

```
.background{ background-color: rgb(148,  
141, 123) }
```

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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