

Converting Colors

$Y_{xy}(26.0000, 0.3439, 0.3600)$

Have a look what the booklet for
Yxy(26.0000, 0.3439, 0.3600)
contains.

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Color

Yxy(25.9226, 0.3442, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	958A78
RGB	149, 138, 120
RGB Percent	58%, 54%, 47%
CMY	0.4158, 0.4588, 0.5295
CMYK	0.00, 0.07, 0.19, 0.42
HSL	37°, 12%, 53%
HSV	37°, 19%, 58%
XYZ	24.8678, 25.9226, 21.4577
YIQ	139.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

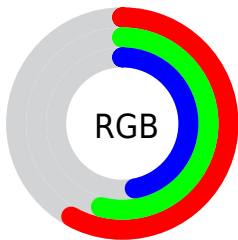
Format	Color
R_{YB}	138, 149, 120
Decimal	9800312
CIE _{Lab}	57.96, 0.99, 11.14
CIE _{LCh}	58, 11.180, 84.944
Yxy	25.9226, 0.3442, 0.3588
Android (android.graphics.Color)	4287990392 (0xFF958A78)
YUV	139.2370, -9.4838, 8.5622
Hunter-Lab	50.9142, -1.9161, 10.6524

Details

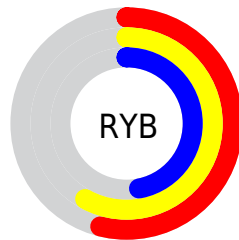
The Yxy color **25.9226, 0.3442, 0.3588** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3767, 0.2826, 0.2973**, and the grayscale version is **25.9473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9367, 0.3375, 0.3524**, and **10.0440, 0.3552, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **24.0160, 0.3629, 0.3749**, and if you desaturate by 10%, it is **27.9716, 0.3272, 0.3431**.

Distribution



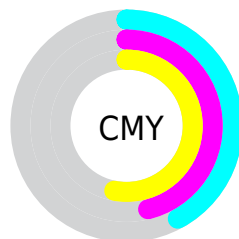
- Red (58%)
- Green (54%)
- Blue (47%)



- Red (54%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9226, 0.3442, 0.3588 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 25.9226, 0.3442, 0.3588 by changing the saturation by 10% instead.


 25.9226, 0.3442,
0.3588


 25.9226, 0.3442,
0.3588


282.4019, 0.3269,
0.3425


 16.7657, 0.3491,
0.3634


 53.1501, 0.3375,
0.3525

 10.0676, 0.3558,
0.3696


 71.9894, 0.3351,
0.3503

 5.4438, 0.3655,
0.3786

 94.8251, 0.3331,
0.3484

 2.5099, 0.3806,
0.3925

122.0415, 0.3315,
0.3469

 0.8816, 0.4478,
0.4580

154.0230, 0.3301,
0.3455

 0.0000, 0.0000,
0.0000

191.1540, 0.3289,

0.3444

233.8188, 0.3278,
0.3434

■ 25.9226, 0.3442,
0.3588

■ 25.9226, 0.3442,
0.3588

■ 24.0160, 0.3629,
0.3749

■ 27.9716, 0.3272,
0.3431

■ 22.2443, 0.3831,
0.3909

■ 30.1630, 0.3119,
0.3282

■ 20.6048, 0.4045,
0.4061

■ 32.5016, 0.2983,
0.3142

■ 19.0929, 0.4265,
0.4197

■ 34.9906, 0.2861,
0.3011

■ 17.7040, 0.4483,
0.4306

■ 37.6334, 0.2754,
0.2891

■ 16.4329, 0.4688,
0.4376

■ 40.4329, 0.2658,
0.2781

■ 15.2737, 0.4870,
0.4400

■ 43.3922, 0.2574,
0.2679

■ 14.2143, 0.5028,
0.4383

■ 46.5142, 0.2499,
0.2586

■ 14.1587, 0.5037,
0.4382

■ 49.8016, 0.2432,
0.2501

Harmonies

Analogous

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



25.9226, 0.3504, 0.3472



25.9226, 0.3442, 0.3588



25.9226, 0.3295, 0.3626

Triad

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



25.9226, 0.3442, 0.3588



25.9226, 0.2804, 0.3250



25.9226, 0.3139, 0.3034

Complementary

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



25.9226, 0.3442, 0.3588



22.3767, 0.2826, 0.2973

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.



25.9226, 0.2954, 0.2974



25.9226, 0.3442, 0.3588



25.9226, 0.2764, 0.3092

Square

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



25.9226, 0.3442, 0.3588



25.9226, 0.2928, 0.3427



25.9226, 0.2818, 0.2993



25.9226, 0.3326, 0.3157

Rectangle

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



25.9226, 0.3442, 0.3588



25.9226, 0.3171, 0.3597



25.9226, 0.2818, 0.2993



25.9226, 0.3074, 0.3006

Sweetspot

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



25.9238, 0.3442, 0.3588



51.3976, 0.3219, 0.3381



21.4575, 0.3359, 0.3106



11.3415, 0.3228, 0.3389



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.



25.9238, 0.3442, 0.3588



45.0474, 0.3515, 0.3652



28.9131, 0.3374, 0.3764



6.3801, 0.3268, 0.3427



11.9805, 0.5030, 0.4388



0.2036, 0.4581, 0.4745

Inverse Universe

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



22.3767, 0.2826, 0.2973



37.5943, 0.2761, 0.2899



19.8368, 0.2852, 0.2779



5.9707, 0.2989, 0.3149



4.2851, 0.1678, 0.1241



0.1060, 0.1909, 0.2071

Previews

White Background



This preview shows how the Yxy color 25.9226, 0.3442, 0.3588 looks on a white background.

Color Contrast Check

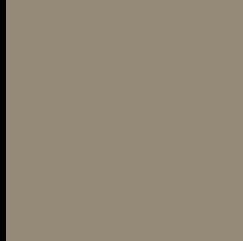
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9226, 0.3442, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

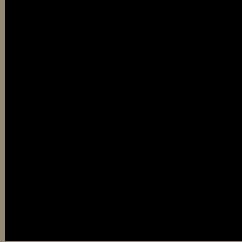
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9226, 0.3442, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 25.9226, 0.3442, 0.3588.



This preview shows how white text looks on a background with the Yxy color 25.9226, 0.3442, 0.3588.

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

25.9226, 0.3442, 0.3588

Protanopia

25.9323, 0.3405, 0.3607

Deuteranopia

25.8016, 0.3562, 0.3498



Tritanopia

25.7699, 0.3214, 0.3115

Trichromacy



Original Color

25.9226, 0.3442, 0.3588

Protanomaly

26.0243, 0.3416, 0.3606

Deuteranomaly

25.6770, 0.3511, 0.3517

Tritanomaly

25.6848, 0.3298, 0.3274

Monochromacy



Original Color

25.9226, 0.3442, 0.3588

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.9708, 0.3243, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9226, 0.3442, 0.3588 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(149, 138, 120)` looks like.

```
.text, #text, p{  
    color:rgb(149, 138, 120)  
}
```

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(149, 138, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 138, 120) }
```

Border

The CSS property to change the border of an element to Yxy 25.9226, 0.3442, 0.3588 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(149, 138, 120) }
```

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

```
.border{ border-color:rgb(149, 138, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 138, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 138, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 138, 120);  
box-shadow:4px 4px 4px 4px rgb(149, 138,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9226, 0.3442, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 138, 120) }
```

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

```
.background{ background-color: rgb(149,  
138, 120) }
```

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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