

Converting Colors

$Y_{xy}(26.7467, 0.3288, 0.3371)$

Have a look what the booklet for
Yxy(26.7467, 0.3288, 0.3371)
contains.

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Color

Yxy(26.5760, 0.3290, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	958B86
RGB	149, 139, 134
RGB Percent	58%, 55%, 53%
CMY	0.4157, 0.4549, 0.4746
CMYK	0.00, 0.07, 0.10, 0.42
HSL	20°, 7%, 55%
HSV	20°, 10%, 58%
XYZ	25.9297, 26.5760, 26.3080
YIQ	141.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

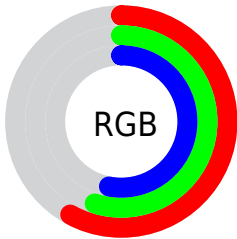
Format	Color
R_{YB}	149, 142, 134
Decimal	9800582
CIE Lab	58.58, 2.82, 4.02
CIE LCh	59, 4.907, 54.960
Yxy	26.5760, 0.3290, 0.3372
Android (android.graphics.Color)	4287990662 (0xFF958B86)
YUV	141.4200, -3.6581, 6.6477
Hunter-Lab	51.5519, -0.4334, 5.8294

Details

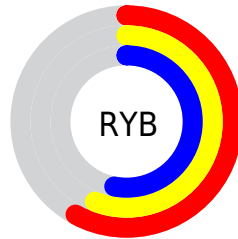
The Yxy color **26.5760, 0.3290, 0.3372** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1771, 0.2976, 0.3207**, and the grayscale version is **26.8223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9836, 0.3256, 0.3351**, and **10.3815, 0.3354, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **23.4474, 0.3480, 0.3458**, and if you desaturate by 10%, it is **30.0261, 0.3128, 0.3291**.

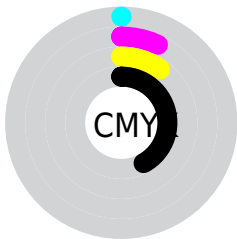
Distribution



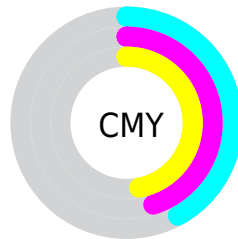
- Red (58%)
- Green (55%)
- Blue (53%)



- Red (58%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (42%)





- Cyan (42%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5760, 0.3290, 0.3372 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 26.5760, 0.3290, 0.3372 by changing the saturation by 10% instead.


 26.5760, 0.3290,
0.3372


 26.5760, 0.3290,
0.3372


285.5983, 0.3201,
0.3328


 17.2550, 0.3315,
0.3384


 54.2027, 0.3255,
0.3355

 10.4165, 0.3350,
0.3401


 73.2773, 0.3243,
0.3349

 5.6760, 0.3401,
0.3425

 96.3718, 0.3233,
0.3344

 2.6491, 0.3481,
0.3462

123.8708, 0.3224,
0.3340

 0.9514, 0.3646,
0.3546

156.1585, 0.3217,
0.3336

 0.0000, 0.0000,
0.0000

193.6194, 0.3211,

0.3333

236.6379, 0.3205,
0.3330

■ 26.5760, 0.3290,
0.3372

■ 26.5760, 0.3290,
0.3372

■ 23.4474, 0.3480,
0.3458

■ 30.0261, 0.3128,
0.3291

■ 20.6274, 0.3702,
0.3548

■ 33.8031, 0.2991,
0.3215

■ 18.1074, 0.3959,
0.3637

■ 37.9168, 0.2874,
0.3146

■ 15.8772, 0.4251,
0.3721

■ 42.3753, 0.2774,
0.3082

■ 13.9256, 0.4575,
0.3791

■ 47.1866, 0.2689,
0.3024

■ 12.2411, 0.4918,
0.3836

■ 52.3584, 0.2615,
0.2972

■ 10.8109, 0.5261,
0.3845

■ 57.8982, 0.2551,
0.2923

■ 9.6211, 0.5574,
0.3809

■ 63.8131, 0.2496,
0.2880

■ 8.6577, 0.5846,
0.3741

■ 69.2387, 0.2507,
0.2979

Harmonies

Analogous

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



26.5760, 0.3272, 0.3303



26.5760, 0.3290, 0.3372



26.5760, 0.3264, 0.3420

Triad

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



26.5760, 0.3290, 0.3372



26.5760, 0.3040, 0.3349



26.5760, 0.3052, 0.3150

Complementary

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



26.5760, 0.3290, 0.3372



27.1771, 0.2976, 0.3207

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.



26.5760, 0.2992, 0.3160



26.5760, 0.3290, 0.3372



26.5760, 0.2985, 0.3275

Square

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



26.5760, 0.3290, 0.3372



26.5760, 0.3119, 0.3408



26.5760, 0.2967, 0.3205



26.5760, 0.3133, 0.3176

Rectangle

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



26.5760, 0.3290, 0.3372



26.5760, 0.3225, 0.3434



26.5760, 0.2967, 0.3205



26.5760, 0.3029, 0.3149

Sweetspot

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



26.5772, 0.3290, 0.3372



51.8700, 0.3174, 0.3314



25.4474, 0.3191, 0.3129



11.3891, 0.3186, 0.3320



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.



26.5772, 0.3290, 0.3372



46.3350, 0.3328, 0.3390



28.8241, 0.3277, 0.3491



6.1135, 0.3275, 0.3365



7.3361, 0.5833, 0.3750



0.1399, 0.5101, 0.4332

Inverse Universe

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



27.1771, 0.2976, 0.3207



47.6198, 0.2944, 0.3188



24.9807, 0.2975, 0.3080



6.2387, 0.2989, 0.3214



9.4191, 0.1941, 0.2186



0.1697, 0.2096, 0.2746

Previews

White Background



This preview shows how the Yxy color 26.5760, 0.3290, 0.3372 looks on a white background.

Color Contrast Check

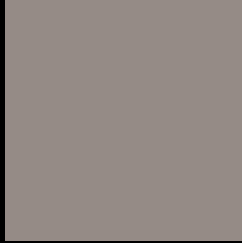
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5760, 0.3290, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

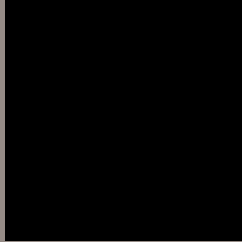
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

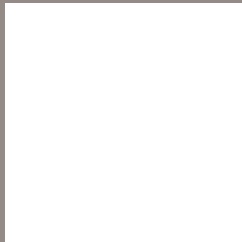
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5760, 0.3290, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 26.5760, 0.3290, 0.3372.



This preview shows how white text looks on a background with the Yxy color 26.5760, 0.3290, 0.3372.

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

26.5760, 0.3290, 0.3372

Protanopia

26.5252, 0.3233, 0.3372

Deuteranopia

26.5257, 0.3376, 0.3307



Tritanopia

26.6087, 0.3168, 0.3116

Trichromacy



Original Color

26.5760, 0.3290, 0.3372

Protanomaly

26.6164, 0.3244, 0.3372

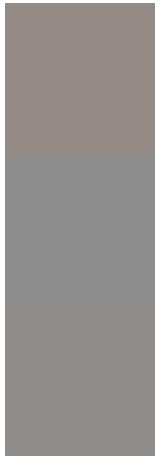
Deuteranomaly

26.5106, 0.3339, 0.3323

Tritanomaly

26.6442, 0.3208, 0.3210

Monochromacy



Original Color

26.5760, 0.3290, 0.3372

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5204, 0.3191, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5760, 0.3290, 0.3372 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, 139, 134)` looks like.

```
.text, #text, p{  
    color:rgb(149, 139, 134)  
}
```

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, 139, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 139, 134) }
```

Border

The CSS property to change the border of an element to Yxy 26.5760, 0.3290, 0.3372 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, 139, 134) }
```

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

```
.border{ border-color:rgb(149, 139, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 139, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 139, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 139, 134);  
box-shadow:4px 4px 4px 4px rgb(149, 139,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5760, 0.3290, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 139, 134) }
```

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

```
.background{ background-color: rgb(149,  
139, 134) }
```

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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