

Converting Colors

$Y_{xy}(26.8341, 0.3214, 0.3564)$

Have a look what the booklet for
Yxy(26.8341, 0.3214, 0.3564)
contains.

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Color

Yxy(26.8234, 0.3211, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	899080
RGB	137, 144, 128
RGB Percent	54%, 56%, 50%
CMY	0.4627, 0.4353, 0.4981
CMYK	0.05, 0.00, 0.11, 0.44
HSL	86°, 7%, 53%
HSV	86°, 11%, 56%
XYZ	24.1870, 26.8234, 24.3151
YIQ	140.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

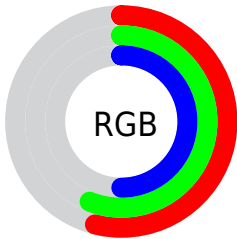
Format	Color
R_{YB}	128, 144, 135
Decimal	9015424
CIE _{Lab}	58.81, -5.61, 7.64
CIE _{LCh}	59, 9.482, 126.279
Yxy	26.8234, 0.3211, 0.3561
Android (android.graphics.Color)	4287205504 (0xFF899080)
YUV	140.0830, -5.9569, -2.7038
Hunter-Lab	51.7913, -7.2737, 8.4184

Details

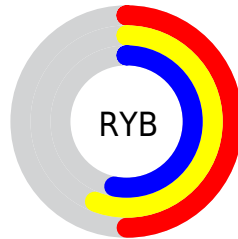
The Yxy color $26.8234, 0.3211, 0.3561$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.5920, 0.3036, 0.3017$, and the grayscale version is $26.2837, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6715, 0.3189, 0.3503$, and $10.5962, 0.3234, 0.3668$ is the 20% darker color. If you saturate the color by 10%, you get $25.9572, 0.3286, 0.3823$, and if you desaturate by 10%, it is $27.7766, 0.3136, 0.3316$.

Distribution



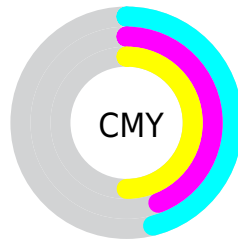
- Red (54%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)





- Cyan (46%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8234, 0.3211, 0.3561 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 26.8234, 0.3211, 0.3561 by changing the saturation by 10% instead.


 26.8234, 0.3211,
0.3561


 26.8234, 0.3211,
0.3561


286.8010, 0.3166,
0.3411


 17.4406, 0.3223,
0.3604


 54.6004, 0.3194,
0.3503

 10.5492, 0.3240,
0.3663


 73.7633, 0.3188,
0.3482

 5.7646, 0.3263,
0.3750


 96.9552, 0.3183,
0.3465

 2.7024, 0.3297,
0.3889

124.5603, 0.3178,
0.3451

 0.9784, 0.3441,
0.4261

156.9630, 0.3175,
0.3439

 0.0000, 0.0000,
0.0000

194.5478, 0.3171,

0.3428

237.6990, 0.3169,
0.3419

■ 26.8234, 0.3211,
0.3561

■ 26.8234, 0.3211,
0.3561

■ 25.9572, 0.3286,
0.3823

■ 27.7766, 0.3136,
0.3316

■ 25.1716, 0.3357,
0.4099

■ 28.8159, 0.3062,
0.3092

■ 24.4650, 0.3422,
0.4382

■ 29.9449, 0.2991,
0.2887

■ 23.8341, 0.3475,
0.4662

■ 31.1661, 0.2923,
0.2702

■ 23.2756, 0.3513,
0.4929

■ 32.4818, 0.2860,
0.2536

■ 22.7856, 0.3532,
0.5168

■ 33.8941, 0.2801,
0.2387

■ 22.3601, 0.3529,
0.5369

■ 35.4051, 0.2746,
0.2254

■ 21.9942, 0.3504,
0.5521

■ 37.0170, 0.2695,
0.2135

■ 21.7087, 0.3471,
0.5626

■ 38.5649, 0.2665,
0.2050

Harmonies

Analogous

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



26.8234, 0.3352, 0.3561



26.8234, 0.3211, 0.3561



26.8234, 0.3051, 0.3483

Triad

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



26.8234, 0.3211, 0.3561



26.8234, 0.2830, 0.3086



26.8234, 0.3344, 0.3227

Complementary

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



26.8234, 0.3211, 0.3561



22.5920, 0.3036, 0.3017

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.



26.8234, 0.3199, 0.3108



26.8234, 0.3211, 0.3561



26.8234, 0.2904, 0.3026

Square

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



26.8234, 0.3211, 0.3561



26.8234, 0.2833, 0.3203



26.8234, 0.3038, 0.3035



26.8234, 0.3430, 0.3364

Rectangle

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



26.8234, 0.3211, 0.3561



26.8234, 0.2954, 0.3398



26.8234, 0.3038, 0.3035



26.8234, 0.3300, 0.3184

Sweetspot

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



26.8246, 0.3211, 0.3561



48.6550, 0.3150, 0.3362



24.7923, 0.3305, 0.3407



11.1277, 0.3156, 0.3380



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.



26.8246, 0.3211, 0.3561



46.9728, 0.3227, 0.3616



26.1748, 0.3125, 0.3568



6.1701, 0.3196, 0.3512



18.9183, 0.3474, 0.5623



0.1939, 0.3795, 0.5369

Inverse Universe

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



22.5920, 0.3036, 0.3017



38.2009, 0.3017, 0.2962



23.2785, 0.3127, 0.3025



5.3627, 0.3053, 0.3067



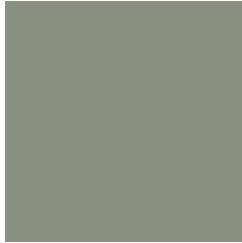
2.6790, 0.1929, 0.0836



0.0383, 0.2427, 0.1111

Previews

White Background



This preview shows how the Yxy color 26.8234, 0.3211, 0.3561 looks on a white background.

Color Contrast Check

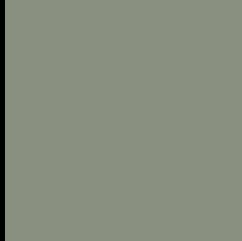
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8234, 0.3211, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

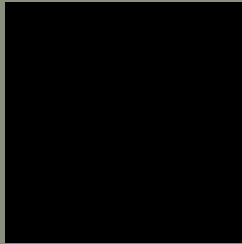
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

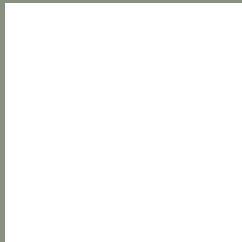
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8234, 0.3211, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 26.8234, 0.3211, 0.3561.



This preview shows how white text looks on a background with the Yxy color 26.8234, 0.3211, 0.3561.

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

26.8234, 0.3211, 0.3561

Protanopia

26.7592, 0.3347, 0.3537

Deuteranopia

26.5910, 0.3454, 0.3385



Tritanopia

26.9795, 0.3020, 0.3112

Trichromacy



Original Color

26.8234, 0.3211, 0.3561

Protanomaly

26.7179, 0.3290, 0.3540

Deuteranomaly

26.6295, 0.3366, 0.3453

Tritanomaly

26.9046, 0.3096, 0.3273

Monochromacy



Original Color

26.8234, 0.3211, 0.3561

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3163, 0.3156, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8234, 0.3211, 0.3561 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(137, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 128)  
}
```

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(137, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.8234, 0.3211, 0.3561 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(137, 144, 128) }
```

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

```
.border{ border-color:rgb(137, 144, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 144, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 144, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 144, 128); box-shadow:4px 4px 4px 4px rgb(137, 144, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8234, 0.3211, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 128) }
```

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

```
.background{ background-color: rgb(137,  
144, 128) }
```

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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