

Converting Colors

$Y_{xy}(26.0238, 0.3198, 0.3543)$

Have a look what the booklet for
Yxy(26.0238, 0.3198, 0.3543)
contains.

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Color

Yxy(26.0292, 0.3201, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	878E7F
RGB	135, 142, 127
RGB Percent	53%, 56%, 50%
CMY	0.4708, 0.4431, 0.5020
CMYK	0.05, 0.00, 0.11, 0.44
HSL	88°, 6%, 53%
HSV	88°, 11%, 56%
XYZ	23.4901, 26.0292, 23.8644
YIQ	138.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

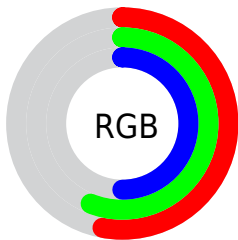
Format	Color
R_{YB}	127, 142, 134
Decimal	8883839
CIE Lab	58.06, -5.47, 7.11
CIE LCh	58, 8.972, 127.557
Yxy	26.0292, 0.3201, 0.3547
Android (android.graphics.Color)	4287073919 (0xFF878E7F)
YUV	138.1970, -5.5201, -2.8038
Hunter-Lab	51.0188, -7.0978, 7.9799

Details

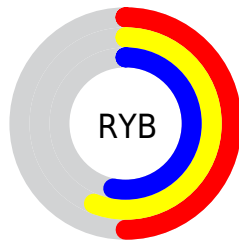
The Yxy color $26.0292, 0.3201, 0.3547$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.2054, 0.3047, 0.3032$, and the grayscale version is $25.5142, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4665, 0.3182, 0.3492$, and $10.1356, 0.3222, 0.3649$ is the 20% darker color. If you saturate the color by 10%, you get $25.1494, 0.3270, 0.3809$, and if you desaturate by 10%, it is $26.9982, 0.3131, 0.3303$.

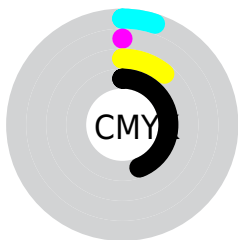
Distribution



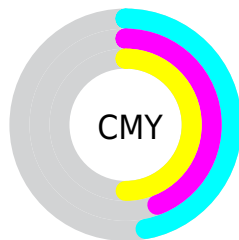
- Red (53%)
- Green (56%)
- Blue (50%)



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



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



- Cyan (47%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0292, 0.3201, 0.3547 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 26.0292, 0.3201, 0.3547 by changing the saturation by 10% instead.

■ 26.0292, 0.3201,
0.3547

■ 26.0292, 0.3201,
0.3547

282.9254, 0.3161,
0.3404

■ 16.8455, 0.3212,
0.3588

■ 53.3220, 0.3186,
0.3491

■ 10.1244, 0.3227,
0.3645

■ 72.2000, 0.3180,
0.3472

■ 5.4815, 0.3247,
0.3729

■ 95.0781, 0.3176,
0.3455

■ 2.5325, 0.3278,
0.3865

122.3408, 0.3172,
0.3442

■ 0.8928, 0.3433,
0.4287

154.3725, 0.3169,
0.3430

■ 0.0000, 0.0000,
0.0000

191.5576, 0.3166,

0.3421

234.2804, 0.3164,
0.3412

■ 26.0292, 0.3201,
0.3547

■ 26.0292, 0.3201,
0.3547

■ 25.1494, 0.3270,
0.3809

■ 26.9982, 0.3131,
0.3303

■ 24.3526, 0.3336,
0.4087

■ 28.0556, 0.3063,
0.3080

■ 23.6370, 0.3395,
0.4373

■ 29.2052, 0.2996,
0.2878

■ 22.9993, 0.3444,
0.4658

■ 30.4493, 0.2934,
0.2696

■ 22.4362, 0.3477,
0.4932

■ 31.7903, 0.2875,
0.2532

■ 21.9439, 0.3493,
0.5179

■ 33.2304, 0.2820,
0.2386

■ 21.5182, 0.3487,
0.5388

■ 34.7718, 0.2768,
0.2256

■ 21.1543, 0.3460,
0.5548

■ 36.4166, 0.2721,
0.2139

■ 20.8568, 0.3422,
0.5665

■ 38.1667, 0.2677,
0.2035

Harmonies

Analogous

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



26.0292, 0.3337, 0.3550



26.0292, 0.3201, 0.3547



26.0292, 0.3048, 0.3470

Triad

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



26.0292, 0.3201, 0.3547



26.0292, 0.2844, 0.3091



26.0292, 0.3339, 0.3235

Complementary

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



26.0292, 0.3201, 0.3547



22.2054, 0.3047, 0.3032

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.



26.0292, 0.3202, 0.3120



26.0292, 0.3201, 0.3547



26.0292, 0.2918, 0.3036

Square

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



26.0292, 0.3201, 0.3547



26.0292, 0.2844, 0.3202



26.0292, 0.3048, 0.3048



26.0292, 0.3419, 0.3367

Rectangle

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



26.0292, 0.3201, 0.3547



26.0292, 0.2956, 0.3388



26.0292, 0.3048, 0.3048



26.0292, 0.3298, 0.3193

Sweetspot

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



26.0303, 0.3201, 0.3547



47.1581, 0.3148, 0.3362



24.3367, 0.3294, 0.3409



10.5037, 0.3154, 0.3380



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



26.0303, 0.3201, 0.3547



45.4574, 0.3220, 0.3616



25.4336, 0.3120, 0.3553



6.1612, 0.3191, 0.3512



18.7328, 0.3425, 0.5663



0.1922, 0.3757, 0.5399

Inverse Universe

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



22.2054, 0.3047, 0.3032



37.1453, 0.3025, 0.2963



22.8402, 0.3133, 0.3039



5.3715, 0.3059, 0.3068



2.8280, 0.1992, 0.0871



0.0400, 0.2486, 0.1143

Previews

White Background



This preview shows how the Yxy color 26.0292, 0.3201, 0.3547 looks on a white background.

Color Contrast Check

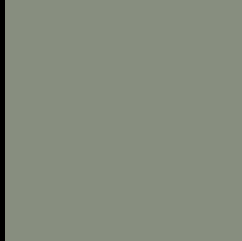
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0292, 0.3201, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

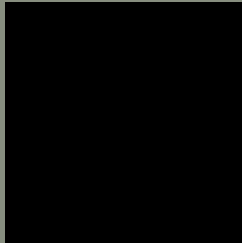
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

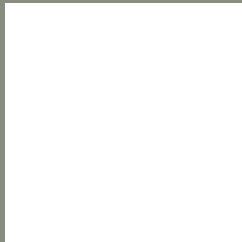
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0292, 0.3201, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 26.0292, 0.3201, 0.3547.



This preview shows how white text looks on a background with the Yxy color 26.0292, 0.3201, 0.3547.

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

26.0292, 0.3201, 0.3547

Protanopia

25.9656, 0.3340, 0.3523

Deuteranopia

26.0810, 0.3445, 0.3386



Tritanopia

26.0705, 0.3008, 0.3109

Trichromacy



Original Color

26.0292, 0.3201, 0.3547

Protanomaly

25.9252, 0.3282, 0.3526

Deuteranomaly

26.1250, 0.3356, 0.3454

Tritanomaly

26.0275, 0.3075, 0.3257

Monochromacy



Original Color

26.0292, 0.3201, 0.3547

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.5048, 0.3156, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0292, 0.3201, 0.3547 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(135, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(135, 142, 127)  
}
```

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(135, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 142, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.0292, 0.3201, 0.3547 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(135, 142, 127) }
```

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

```
.border{ border-color:rgb(135, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(135, 142,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0292, 0.3201, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 142, 127) }
```

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

```
.background{ background-color: rgb(135,  
142, 127) }
```

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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