

Converting Colors

$Y_{xy}(26.1277, 0.3024, 0.3518)$

Have a look what the booklet for
Yxy(26.1277, 0.3024, 0.3518)
contains.

Yxy(26.1277, 0.3024, 0.3518)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.1277, 0.3024, 0.3518)$

Conversions

Conversions Part 1

Format	Color
Hex	7B9184
RGB	123, 145, 132
RGB Percent	48%, 57%, 52%
CMY	0.5176, 0.4314, 0.4824
CMYK	0.15, 0.00, 0.09, 0.43
HSL	144°, 9%, 53%
HSV	144°, 15%, 57%
XYZ	22.4588, 26.1277, 25.6821
YIQ	136.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

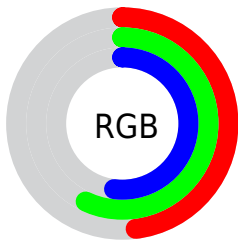
Format	Color
R_{YB}	123, 139, 145
Decimal	8098180
CIE _{Lab}	58.16, -10.53, 4.29
CIE _{LCh}	58, 11.371, 157.853
Yxy	26.1277, 0.3024, 0.3518
Android (android.graphics.Color)	4286288260 (0xFF7B9184)
YUV	136.9400, -2.4354, -12.2254
Hunter-Lab	51.1153, -11.0231, 5.9913

Details


The Yxy color $26.1277, 0.3024, 0.3518$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.9677, 0.3246, 0.3072$, and the grayscale version is $25.0052, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5797, 0.3049, 0.3470$, and $10.2648, 0.2979, 0.3607$ is the 20% darker color. If you saturate the color by 10%, you get $24.9118, 0.2959, 0.3690$, and if you desaturate by 10%, it is $27.5235, 0.3092, 0.3363$.

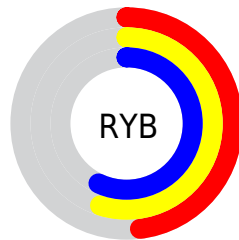
Distribution



 Red (48%)

 Green (57%)

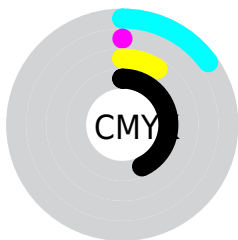
 Blue (52%)




 Red (48%)

 Yellow (55%)

 Blue (57%)

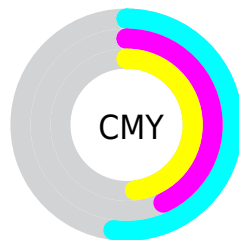



 Cyan (15%)

 Magenta (0%)

 Yellow (9%)

 Black (43%)



 Cyan (52%)

 Magenta (43%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1277, 0.3024, 0.3518 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 26.1277, 0.3024, 0.3518 by changing the saturation by 10% instead.

■ 26.1277, 0.3024,
0.3518

■ 26.1277, 0.3024,
0.3518

283.4084, 0.3081,
0.3391

■ 16.9192, 0.3007,
0.3555

■ 53.4809, 0.3047,
0.3468

■ 10.1769, 0.2984,
0.3606

■ 72.3944, 0.3054,
0.3451

■ 5.5164, 0.2950,
0.3681

■ 95.3116, 0.3061,
0.3436

■ 2.5533, 0.2894,
0.3804

122.6170, 0.3066,
0.3424

■ 0.9033, 0.2748,
0.4128

154.6950, 0.3071,
0.3414

■ 0.0000, 0.0000,
0.0000

191.9300, 0.3075,

0.3406

234.7063, 0.3078,
0.3398

■ 26.1277, 0.3024,
0.3518

■ 26.1277, 0.3024,
0.3518

■ 24.9118, 0.2959,
0.3690

■ 27.5235, 0.3092,
0.3363

■ 23.8652, 0.2898,
0.3879

■ 29.1030, 0.3160,
0.3225

■ 22.9810, 0.2844,
0.4084

■ 30.8738, 0.3228,
0.3104

■ 22.2507, 0.2801,
0.4300

■ 32.8421, 0.3293,
0.2996

■ 21.6647, 0.2772,
0.4525

■ 35.0139, 0.3356,
0.2902

■ 21.2128, 0.2759,
0.4750

■ 37.3950, 0.3417,
0.2820

■ 20.8828, 0.2763,
0.4969

■ 39.9907, 0.3474,
0.2748

■ 20.6588, 0.2785,
0.5174

■ 42.8064, 0.3528,
0.2686

■ 20.5687, 0.2797,
0.5269

■ 45.8472, 0.3579,
0.2631

Harmonies

Analogous

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



26.1277, 0.3218, 0.3617



26.1277, 0.3024, 0.3518



26.1277, 0.2862, 0.3353

Triad

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



26.1277, 0.3024, 0.3518



26.1277, 0.2864, 0.2970



26.1277, 0.3498, 0.3386

Complementary

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



26.1277, 0.3024, 0.3518



21.9677, 0.3246, 0.3072

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.



26.1277, 0.3397, 0.3221



26.1277, 0.3024, 0.3518



26.1277, 0.3028, 0.2986

Square

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



26.1277, 0.3024, 0.3518



26.1277, 0.2771, 0.3036



26.1277, 0.3224, 0.3077



26.1277, 0.3495, 0.3533

Rectangle

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



26.1277, 0.3024, 0.3518



26.1277, 0.2791, 0.3232



26.1277, 0.3224, 0.3077



26.1277, 0.3475, 0.3331

Sweetspot

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



26.1288, 0.3024, 0.3518



49.3052, 0.3092, 0.3362



26.9334, 0.3250, 0.3664



10.9316, 0.3088, 0.3372



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.



26.1288, 0.3024, 0.3518



46.0576, 0.3003, 0.3571



26.4406, 0.2924, 0.3327



6.0636, 0.3065, 0.3423



17.6468, 0.2794, 0.5257



0.1729, 0.2563, 0.4425

Inverse Universe

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



21.9677, 0.3246, 0.3072



37.2239, 0.3275, 0.3024



21.6752, 0.3374, 0.3253



5.4743, 0.3195, 0.3161



5.7430, 0.4530, 0.2269



0.0593, 0.3827, 0.1882

Previews

White Background



This preview shows how the Yxy color 26.1277, 0.3024, 0.3518 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 26.1277, 0.3024, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

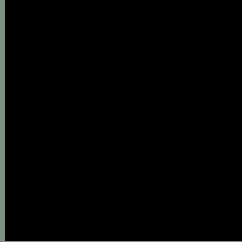
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

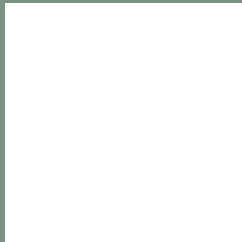
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1277, 0.3024, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 26.1277, 0.3024, 0.3518.

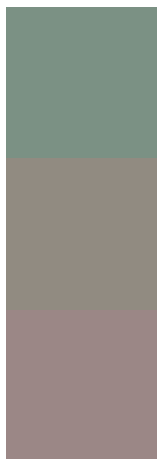


This preview shows how white text looks on a background with the Yxy color 26.1277, 0.3024, 0.3518.

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

26.1277, 0.3024, 0.3518

Protanopia

26.0700, 0.3297, 0.3456

Deuteranopia

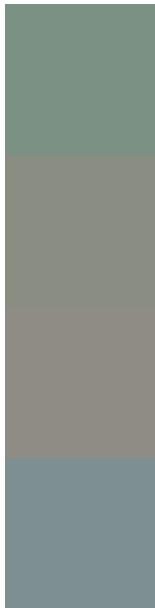
26.0177, 0.3366, 0.3307



Tritanopia

26.1579, 0.2870, 0.3105

Trichromacy



Original Color

26.1277, 0.3024, 0.3518

Protanomaly

25.9798, 0.3194, 0.3477

Deuteranomaly

25.9983, 0.3233, 0.3390

Tritanomaly

26.1249, 0.2933, 0.3255

Monochromacy



Original Color

26.1277, 0.3024, 0.3518

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4110, 0.3091, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1277, 0.3024, 0.3518 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(123, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 132)  
}
```

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(123, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 132) }
```

Border

The CSS property to change the border of an element to Yxy 26.1277, 0.3024, 0.3518 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(123, 145, 132) }
```

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

```
.border{ border-color:rgb(123, 145, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1277, 0.3024, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 132) }
```

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

```
.background{ background-color: rgb(123,  
145, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor