

Converting Colors

$Y_{xy}(26.5519, 0.3092, 0.3604)$

Have a look what the booklet for
Yxy(26.5519, 0.3092, 0.3604)
contains.

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Color

Yxy(26.5519, 0.3092, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	7E9280
RGB	126, 146, 128
RGB Percent	49%, 57%, 50%
CMY	0.5058, 0.4274, 0.4981
CMYK	0.14, 0.00, 0.12, 0.43
HSL	126°, 8%, 53%
HSV	126°, 14%, 57%
XYZ	22.7798, 26.5519, 24.3417
YIQ	137.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

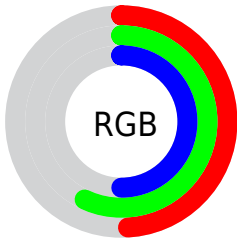
Format	Color
R_{YB}	126, 144, 146
Decimal	8295040
CIE _{Lab}	58.56, -10.79, 7.16
CIE _{LCh}	59, 12.949, 146.413
Yxy	26.5519, 0.3092, 0.3604
Android (android.graphics.Color)	4286485120 (0xFF7E9280)
YUV	137.9680, -4.9142, -10.4959
Hunter-Lab	51.5285, -11.2634, 8.0618

Details

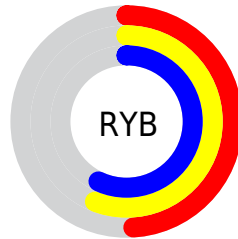
The Yxy color **26.5519, 0.3092, 0.3604** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0503, 0.3164, 0.2995**, and the grayscale version is **25.4245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2285, 0.3100, 0.3533**, and **10.3267, 0.3077, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **25.1985, 0.3065, 0.3868**, and if you desaturate by 10%, it is **28.1145, 0.3118, 0.3369**.

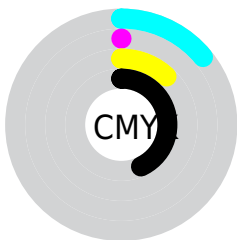
Distribution



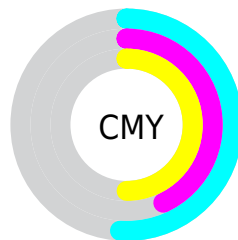
- Red (49%)
- Green (57%)
- Blue (50%)



- Red (49%)
- Yellow (56%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)





- Cyan (51%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5519, 0.3092, 0.3604 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 26.5519, 0.3092, 0.3604 by changing the saturation by 10% instead.


 26.5519, 0.3092,
0.3604


 26.5519, 0.3092,
0.3604


285.4809, 0.3113,
0.3429


 17.2370, 0.3085,
0.3655


 54.1640, 0.3101,
0.3535

 10.4036, 0.3076,
0.3726

 73.2299, 0.3103,
0.3511

 5.6674, 0.3061,
0.3830

 96.3150, 0.3106,
0.3491

 2.6439, 0.3034,
0.4000

123.8035, 0.3108,
0.3475

 0.9488, 0.3010,
0.4483

156.0800, 0.3109,
0.3461

 0.0000, 0.0000,
0.0000

193.5288, 0.3111,

0.3449

236.5343, 0.3112,
0.3438

■ 26.5519, 0.3092,
0.3604

■ 26.5519, 0.3092,
0.3604

■ 25.1985, 0.3065,
0.3868

■ 28.1145, 0.3118,
0.3369

■ 24.0422, 0.3039,
0.4159

■ 29.8911, 0.3143,
0.3163

■ 23.0748, 0.3015,
0.4471

■ 31.8905, 0.3166,
0.2984

■ 22.2862, 0.2994,
0.4793

■ 34.1202, 0.3187,
0.2828

■ 21.6655, 0.2978,
0.5111

■ 36.5871, 0.3207,
0.2694

■ 21.2004, 0.2969,
0.5403

■ 39.2979, 0.3225,
0.2578

■ 20.8769, 0.2968,
0.5649

■ 42.2592, 0.3241,
0.2478

■ 20.6785, 0.2974,
0.5832

■ 45.4771, 0.3256,
0.2391

■ 20.5912, 0.2976,
0.5915

■ 48.4970, 0.3248,
0.2309

Harmonies

Analogous

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



26.5519, 0.3310, 0.3676



26.5519, 0.3092, 0.3604



26.5519, 0.2889, 0.3438

Triad

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



26.5519, 0.3092, 0.3604



26.5519, 0.2779, 0.2946



26.5519, 0.3517, 0.3327

Complementary

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



26.5519, 0.3092, 0.3604



23.0503, 0.3164, 0.2995

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.



26.5519, 0.3365, 0.3145



26.5519, 0.3092, 0.3604



26.5519, 0.2937, 0.2930

Square

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



26.5519, 0.3092, 0.3604



26.5519, 0.2713, 0.3054



26.5519, 0.3151, 0.3002



26.5519, 0.3560, 0.3506

Rectangle

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



26.5519, 0.3092, 0.3604



26.5519, 0.2788, 0.3301



26.5519, 0.3151, 0.3002



26.5519, 0.3476, 0.3264

Sweetspot

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



26.5530, 0.3092, 0.3604



49.4816, 0.3117, 0.3378



28.0246, 0.3307, 0.3619



10.9629, 0.3115, 0.3393



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.



26.5530, 0.3092, 0.3604



46.1776, 0.3085, 0.3671



26.8204, 0.3001, 0.3433



6.4772, 0.3104, 0.3495



18.1216, 0.2975, 0.5910



0.2236, 0.2864, 0.5510

Inverse Universe

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



23.0503, 0.3164, 0.2995



38.9410, 0.3172, 0.2937



22.7667, 0.3273, 0.3152



5.8994, 0.3151, 0.3093



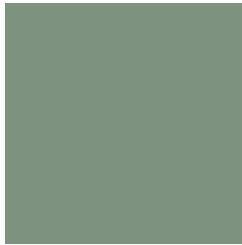
6.8353, 0.3468, 0.1684



0.0860, 0.3327, 0.1606

Previews

White Background



This preview shows how the Yxy color 26.5519, 0.3092, 0.3604 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 26.5519, 0.3092, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

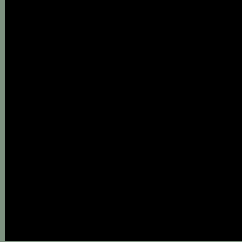
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5519, 0.3092, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 26.5519, 0.3092, 0.3604.



This preview shows how white text looks on a background with the Yxy color 26.5519, 0.3092, 0.3604.

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

26.5519, 0.3092, 0.3604

Protanopia

26.4399, 0.3360, 0.3538

Deuteranopia

26.4891, 0.3443, 0.3386



Tritanopia

26.4249, 0.2890, 0.3090

Trichromacy



Original Color

26.5519, 0.3092, 0.3604

Protanomaly

26.3413, 0.3256, 0.3561

Deuteranomaly

26.4521, 0.3307, 0.3472

Tritanomaly

26.3564, 0.2963, 0.3256

Monochromacy



Original Color

26.5519, 0.3092, 0.3604

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.8393, 0.3122, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5519, 0.3092, 0.3604 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(126, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 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(126, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.5519, 0.3092, 0.3604 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(126, 146, 128) }
```

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

```
.border{ border-color:rgb(126, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(126, 146,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5519, 0.3092, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 128) }
```

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

```
.background{ background-color: rgb(126,  
146, 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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