

Converting Colors

$Y_{xy}(26.4459, 0.3522, 0.4078)$

Have a look what the booklet for
Yxy(26.4459, 0.3522, 0.4078)
contains.

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Color

Yxy(26.5359, 0.3519, 0.4094)

Conversions

Conversions Part 1

Format	Color
Hex	8A9162
RGB	138, 145, 98
RGB Percent	54%, 57%, 38%
CMY	0.4589, 0.4313, 0.6157
CMYK	0.05, 0.00, 0.32, 0.43
HSL	69°, 19%, 48%
HSV	69°, 32%, 57%
XYZ	22.8089, 26.5359, 15.4717
YIQ	137.5490, 10.9150, -16.1010

Conversions

Conversions Part 2

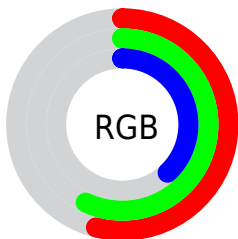
Format	Color
R_{YB}	98, 145, 105
Decimal	9081186
CIE _{Lab}	58.54, -10.59, 24.16
CIE _{LCh}	59, 26.375, 113.673
Yxy	26.5359, 0.3519, 0.4094
Android (android.graphics.Color)	4287271266 (0xFF8A9162)
YUV	137.5490, -19.4977, 0.3955
Hunter-Lab	51.5130, -11.1115, 18.2516

Details

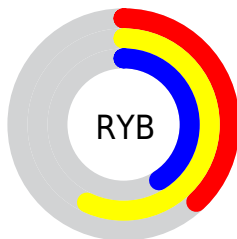
The Yxy color $26.5359, 0.3519, 0.4094$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.7816, 0.2651, 0.2387$, and the grayscale version is $25.3068, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2232, 0.3443, 0.3923$, and $10.4497, 0.3627, 0.4397$ is the 20% darker color. If you saturate the color by 10%, you get $26.1047, 0.3632, 0.4343$, and if you desaturate by 10%, it is $27.0228, 0.3399, 0.3840$.

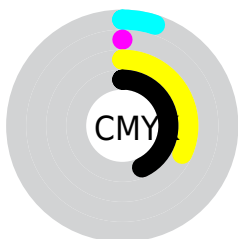
Distribution



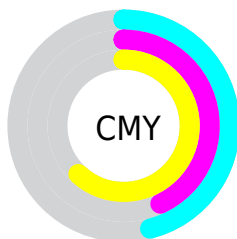
- Red (54%)
- Green (57%)
- Blue (38%)



- Red (38%)
- Yellow (57%)
- Blue (41%)



- Cyan (5%)
- Magenta (0%)
- Yellow (32%)
- Black (43%)





- Cyan (46%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5359, 0.3519, 0.4094 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 26.5359, 0.3519, 0.4094 by changing the saturation by 10% instead.


 26.5359, 0.3519,
0.4094

 26.5359, 0.3519,
0.4094


285.4030, 0.3313,
0.3647

 17.2250, 0.3572,
0.4222

 54.1382, 0.3443,
0.3920


 10.3950, 0.3639,
0.4396


 73.1984, 0.3414,
0.3858

 5.6616, 0.3725,
0.4646


 96.2772, 0.3391,
0.3807

 2.6405, 0.3869,
0.5080

 123.7589, 0.3370,
0.3764

 0.9470, 0.4034,
0.5966

156.0279, 0.3353,
0.3728

 0.0000, 0.0000,
0.0000

193.4687, 0.3338,

0.3697

236.4655, 0.3325,
0.3670

■ 26.5359, 0.3519,
0.4094

■ 26.5359, 0.3519,
0.4094

■ 26.1047, 0.3632,
0.4343

■ 27.0228, 0.3399,
0.3840

■ 25.7229, 0.3733,
0.4578

■ 27.5643, 0.3277,
0.3589

■ 25.3887, 0.3818,
0.4789


■ 28.1640, 0.3156,
0.3347


■ 25.0989, 0.3881,
0.4967

■ 28.8241, 0.3039,
0.3118


■ 24.8498, 0.3921,
0.5106


■ 29.5465, 0.2928,
0.2904

 24.6368, 0.3936,
0.5201

 30.3333, 0.2824,
0.2707

 24.4903, 0.3937,
0.5256

 31.1865, 0.2727,
0.2527

 32.1077, 0.2638,
0.2363

 33.0987, 0.2556,
0.2215

Harmonies

Analogous

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



26.5359, 0.3866, 0.3959



26.5359, 0.3519, 0.4094



26.5359, 0.3081, 0.3981

Triad

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



26.5359, 0.3519, 0.4094



26.5359, 0.2311, 0.2824



26.5359, 0.3572, 0.2970

Complementary

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



26.5359, 0.3519, 0.4094



13.7816, 0.2651, 0.2387

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.



26.5359, 0.3123, 0.2712



26.5359, 0.3519, 0.4094



26.5359, 0.2418, 0.2614

Square

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



26.5359, 0.3519, 0.4094



26.5359, 0.2400, 0.3192



26.5359, 0.2705, 0.2582



26.5359, 0.3908, 0.3308

Rectangle

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



26.5359, 0.3519, 0.4094



26.5359, 0.2800, 0.3768



26.5359, 0.2705, 0.2582



26.5359, 0.3427, 0.2872

Sweetspot

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



26.5371, 0.3519, 0.4094



49.5864, 0.3250, 0.3534



16.8547, 0.3808, 0.3403



11.0022, 0.3265, 0.3565



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.



26.5371, 0.3519, 0.4094



46.9371, 0.3603, 0.4279



24.7954, 0.3264, 0.4164



6.2452, 0.3237, 0.3509



21.0123, 0.3939, 0.5255



0.2081, 0.4071, 0.5149

Inverse Universe

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



13.7816, 0.2651, 0.2387



20.3901, 0.2519, 0.2147



15.3489, 0.2936, 0.2457



5.2913, 0.3011, 0.3064



1.9042, 0.1576, 0.0642



0.0241, 0.1863, 0.0800

Previews

White Background



This preview shows how the Yxy color 26.5359, 0.3519, 0.4094 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 26.5359, 0.3519, 0.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

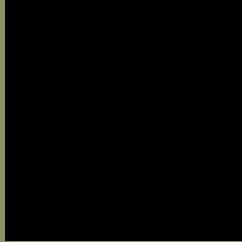
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5359, 0.3519, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 26.5359, 0.3519, 0.4094.



This preview shows how white text looks on a background with the Yxy color 26.5359, 0.3519, 0.4094.

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

26.5359, 0.3519, 0.4094

Protanopia

26.5697, 0.3722, 0.4022

Deuteranopia

26.4635, 0.3892, 0.3829



Tritanopia

26.6549, 0.3092, 0.3129

Trichromacy



Original Color

26.5359, 0.3519, 0.4094

Protanomaly

26.4121, 0.3647, 0.4037

Deuteranomaly

26.4340, 0.3749, 0.3933

Tritanomaly

26.4122, 0.3250, 0.3474

Monochromacy



Original Color

26.5359, 0.3519, 0.4094

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.8831, 0.3277, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5359, 0.3519, 0.4094 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(138, 145, 98)` looks like.

```
.text, #text, p{  
    color:rgb(138, 145, 98)  
}
```

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(138, 145, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 145, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.5359, 0.3519, 0.4094 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(138, 145, 98) }
```

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

```
.border{ border-color:rgb(138, 145, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 145, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 145, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 145, 98);  
box-shadow:4px 4px 4px 4px rgb(138, 145,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5359, 0.3519, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 145, 98) }
```

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

```
.background{ background-color: rgb(138,  
145, 98) }
```

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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