

Converting Colors

$Yxy(26.6208, 0.3548, 0.4046)$

Have a look what the booklet for
Yxy(26.6208, 0.3548, 0.4046)
contains.

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Color

$\text{Yxy}(26.5101, 0.3548, 0.4052)$

Conversions

Conversions Part 1

Format	Color
Hex	8D9063
RGB	141, 144, 99
RGB Percent	55%, 56%, 39%
CMY	0.4470, 0.4353, 0.6117
CMYK	0.02, 0.00, 0.31, 0.44
HSL	64°, 19%, 48%
HSV	64°, 31%, 56%
XYZ	23.2127, 26.5101, 15.7019
YIQ	137.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

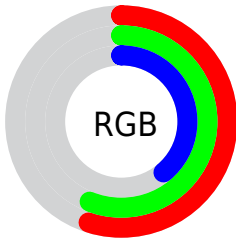
Format	Color
R_{YB}	99, 144, 102
Decimal	9277539
CIE _{Lab}	58.52, -8.66, 23.60
CIE _{LCh}	59, 25.139, 110.159
Yxy	26.5101, 0.3548, 0.4052
Android (android.graphics.Color)	4287467619 (0xFF8D9063)
YUV	137.9730, -19.2137, 2.6547
Hunter-Lab	51.4880, -9.6295, 17.9603

Details

The Yxy color **26.5101, 0.3548, 0.4052** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7652, 0.2628, 0.2415**, and the grayscale version is **25.4778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1923, 0.3464, 0.3894**, and **10.4270, 0.3673, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **26.1766, 0.3677, 0.4292**, and if you desaturate by 10%, it is **26.8958, 0.3413, 0.3805**.

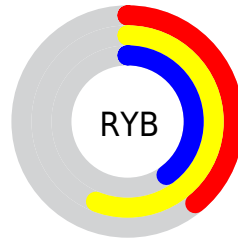
Distribution



Red (55%)

Green (56%)

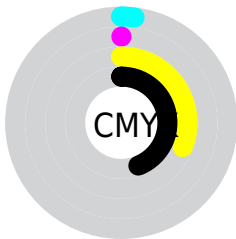
Blue (39%)



Red (39%)

Yellow (56%)

Blue (40%)

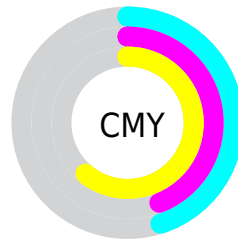


Cyan (2%)

Magenta (0%)

Yellow (31%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5101, 0.3548, 0.4052 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 26.5101, 0.3548, 0.4052 by changing the saturation by 10% instead.


 26.5101, 0.3548,
0.4052

 26.5101, 0.3548,
0.4052


285.2772, 0.3325,
0.3630


 17.2056, 0.3606,
0.4172


 54.0967, 0.3465,
0.3888

 10.3812, 0.3682,
0.4335


 73.1477, 0.3434,
0.3829

 5.6524, 0.3780,
0.4568

 96.2163, 0.3408,
0.3781

 2.6349, 0.3940,
0.4963

 123.6868, 0.3386,
0.3741

 0.9442, 0.4204,
0.5796

155.9438, 0.3368,
0.3707

 0.0000, 0.0000,
0.0000

193.3716, 0.3352,

0.3678

236.3546, 0.3337,
0.3652

■ 26.5101, 0.3548,
0.4052

■ 26.5101, 0.3548,
0.4052

■ 26.1766, 0.3677,
0.4292

■ 26.8958, 0.3413,
0.3805

■ 25.8892, 0.3795,
0.4516

■ 27.3326, 0.3277,
0.3558

■ 25.6461, 0.3896,
0.4716


■ 27.8238, 0.3143,
0.3319

■ 25.4442, 0.3977,
0.4881


■ 28.3718, 0.3015,
0.3091

■ 25.2800, 0.4033,
0.5007


■ 28.9783, 0.2894,
0.2877

 25.1491, 0.4066,
0.5091

 29.6455, 0.2780,
0.2680

 25.0518, 0.4080,
0.5142

 30.3750, 0.2676,
0.2498

 31.1687, 0.2580,
0.2333

 32.0281, 0.2493,
0.2183

Harmonies

Analogous

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



26.5101, 0.3861, 0.3903



26.5101, 0.3548, 0.4052



26.5101, 0.3135, 0.3972

Triad

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



26.5101, 0.3548, 0.4052



26.5101, 0.2346, 0.2881



26.5101, 0.3504, 0.2950

Complementary

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



26.5101, 0.3548, 0.4052



13.7652, 0.2628, 0.2415

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.



26.5101, 0.3074, 0.2714



26.5101, 0.3548, 0.4052



26.5101, 0.2427, 0.2659

Square

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



26.5101, 0.3548, 0.4052



26.5101, 0.2454, 0.3246



26.5101, 0.2684, 0.2607



26.5101, 0.3844, 0.3269

Rectangle

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



26.5101, 0.3548, 0.4052



26.5101, 0.2860, 0.3786



26.5101, 0.2684, 0.2607



26.5101, 0.3364, 0.2860

Sweetspot

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



26.5113, 0.3548, 0.4052



48.3798, 0.3249, 0.3508



16.1895, 0.3794, 0.3332



11.0693, 0.3267, 0.3541



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.



26.5113, 0.3548, 0.4052



46.3667, 0.3633, 0.4210



24.7873, 0.3300, 0.4117



6.2675, 0.3249, 0.3508



21.8203, 0.4081, 0.5142



0.2122, 0.4141, 0.5094

Inverse Universe

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



13.7652, 0.2628, 0.2415



20.4640, 0.2503, 0.2200



15.2075, 0.2897, 0.2478



5.2710, 0.2999, 0.3063



1.8113, 0.1529, 0.0616



0.0200, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 26.5101, 0.3548, 0.4052 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 26.5101, 0.3548, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

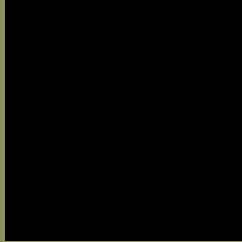
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5101, 0.3548, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 26.5101, 0.3548, 0.4052.



This preview shows how white text looks on a background with the Yxy color 26.5101, 0.3548, 0.4052.

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

26.5101, 0.3548, 0.4052

Protanopia

26.6070, 0.3701, 0.3991

Deuteranopia

26.4830, 0.3881, 0.3814



Tritanopia

26.5499, 0.3114, 0.3114

Trichromacy



Original Color

26.5101, 0.3548, 0.4052

Protanomaly

26.5237, 0.3649, 0.4018

Deuteranomaly

26.3662, 0.3767, 0.3897

Tritanomaly

26.4146, 0.3274, 0.3439

Monochromacy



Original Color

26.5101, 0.3548, 0.4052

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7004, 0.3280, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5101, 0.3548, 0.4052 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(141, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(141, 144, 99)  
}
```

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(141, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 144, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.5101, 0.3548, 0.4052 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(141, 144, 99) }
```

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

```
.border{ border-color:rgb(141, 144, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 144, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(141, 144,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5101, 0.3548, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 144, 99) }
```

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

```
.background{ background-color: rgb(141,  
144, 99) }
```

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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