

Converting Colors

$Y_{xy}(26.1945, 0.3842, 0.4225)$

Have a look what the booklet for
Yxy(26.1945, 0.3842, 0.4225)
contains.

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Color

Yxy(26.2536, 0.3841, 0.4228)

Conversions

Conversions Part 1

Format	Color
Hex	978D53
RGB	151, 141, 83
RGB Percent	59%, 55%, 33%
CMY	0.4078, 0.4471, 0.6746
CMYK	0.00, 0.07, 0.45, 0.41
HSL	51°, 29%, 46%
HSV	51°, 45%, 59%
XYZ	23.8505, 26.2536, 11.9905
YIQ	137.3780, 24.5780, -15.9180

Conversions

Conversions Part 2

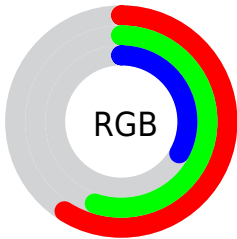
Format	Color
RYB	95, 151, 83
Decimal	9932115
CIELab	58.28, -4.79, 32.20
CIElCh	58, 32.554, 98.457
Yxy	26.2536, 0.3841, 0.4228
Android (android.graphics.Color)	4288122195 (0xFF978D53)
YUV	137.3780, -26.8084, 11.9465
Hunter-Lab	51.2383, -6.5783, 21.9921

Details

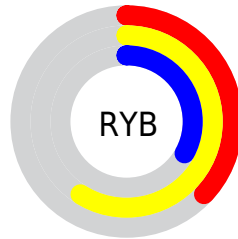
The Yxy color **26.2536, 0.3841, 0.4228** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.9022, 0.2339, 0.2131**, and the grayscale version is **25.2642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4266, 0.3695, 0.4024**, and **10.2062, 0.4050, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **25.3972, 0.3998, 0.4414**, and if you desaturate by 10%, it is **27.1764, 0.3677, 0.4025**.

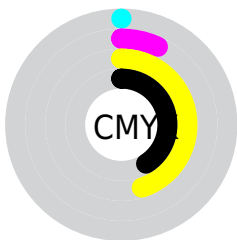
Distribution



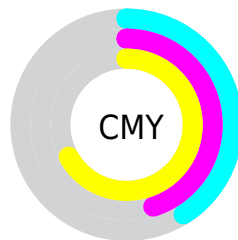
- Red (59%)
- Green (55%)
- Blue (33%)



- Red (37%)
- Yellow (59%)
- Blue (33%)



- Cyan (0%)
- Magenta (7%)
- Yellow (45%)
- Black (41%)





- Cyan (41%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2536, 0.3841, 0.4228 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 26.2536, 0.3841, 0.4228 by changing the saturation by 10% instead.


 26.2536, 0.3841,
0.4228


 26.2536, 0.3841,
0.4228


284.0248, 0.3463,
0.3718


 17.0135, 0.3938,
0.4365


 53.6838, 0.3701,
0.4034


 10.2441, 0.4059,
0.4544


 72.6426, 0.3648,
0.3964


 5.5611, 0.4212,
0.4782

 95.6098, 0.3605,
0.3905

 2.5801, 0.4627,
0.5373

 122.9697, 0.3568,
0.3856

 0.9167, 0.4513,
0.5487

 155.1068, 0.3536,
0.3814

 0.0000, 0.0000,
0.0000

192.4054, 0.3508,

0.3778

235.2499, 0.3484,
0.3746

■ 26.2536, 0.3841,
0.4228

■ 26.2536, 0.3841,
0.4228

■ 25.3972, 0.3998,
0.4414

■ 27.1764, 0.3677,
0.4025

■ 24.6002, 0.4142,
0.4572

■ 28.1650, 0.3513,
0.3813

■ 23.8599, 0.4267,
0.4696

■ 29.2237, 0.3353,
0.3600

■ 23.1721, 0.4367,
0.4778

■ 30.3549, 0.3201,
0.3392

■ 22.5309, 0.4441,
0.4817

■ 31.5613, 0.3058,
0.3193

■ 22.2236, 0.4474,
0.4830

■ 32.8452, 0.2925,
0.3005

■ 34.2090, 0.2804,
0.2830

■ 35.6546, 0.2694,
0.2668

■ 37.1843, 0.2594,
0.2520

Harmonies

Analogous

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



26.2536, 0.4168, 0.3928



26.2536, 0.3841, 0.4228



26.2536, 0.3338, 0.4272

Triad

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



26.2536, 0.3841, 0.4228



26.2536, 0.2159, 0.2914



26.2536, 0.3397, 0.2725

Complementary

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



26.2536, 0.3841, 0.4228



11.9022, 0.2339, 0.2131

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.



26.2536, 0.2842, 0.2488



26.2536, 0.3841, 0.4228



26.2536, 0.2171, 0.2560

Square

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



26.2536, 0.3841, 0.4228



26.2536, 0.2379, 0.3440



26.2536, 0.2408, 0.2423



26.2536, 0.3913, 0.3088

Rectangle

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



26.2536, 0.3841, 0.4228



26.2536, 0.2975, 0.4109



26.2536, 0.2408, 0.2423



26.2536, 0.3207, 0.2629

Sweetspot

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



26.2548, 0.3841, 0.4228



52.4743, 0.3341, 0.3584



13.5587, 0.4104, 0.3119



11.8377, 0.3373, 0.3626



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.2548, 0.3841, 0.4228



45.4675, 0.3998, 0.4414



27.2908, 0.3509, 0.4472



7.0679, 0.3264, 0.3478



18.9338, 0.4472, 0.4831



0.3201, 0.4332, 0.4943

Inverse Universe

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



11.9022, 0.2339, 0.2131



16.4856, 0.2144, 0.1822



11.5322, 0.2583, 0.2024



6.1659, 0.2988, 0.3094



2.4244, 0.1540, 0.0745



0.0692, 0.1688, 0.1277

Previews

White Background



This preview shows how the Yxy color 26.2536, 0.3841, 0.4228 looks on a white background.

Color Contrast Check

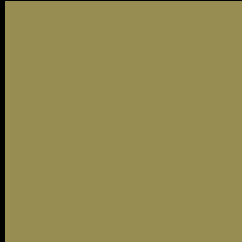
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2536, 0.3841, 0.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

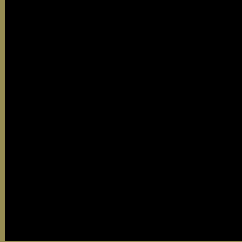
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2536, 0.3841, 0.4228

Background



This preview shows how black text looks on a background with the Yxy color 26.2536, 0.3841, 0.4228.



This preview shows how white text looks on a background with the Yxy color 26.2536, 0.3841, 0.4228.

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

26.2536, 0.3841, 0.4228

Protanopia

26.1530, 0.3871, 0.4205

Deuteranopia

26.2521, 0.4099, 0.4024



Tritanopia

26.2319, 0.3281, 0.3134

Trichromacy



Original Color

26.2536, 0.3841, 0.4228

Protanomaly

26.0561, 0.3859, 0.4210

Deuteranomaly

26.3179, 0.4003, 0.4107

Tritanomaly

26.2650, 0.3494, 0.3532

Monochromacy



Original Color

26.2536, 0.3841, 0.4228

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2121, 0.3393, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2536, 0.3841, 0.4228 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(151, 141, 83)` looks like.

```
.text, #text, p{  
    color:rgb(151, 141, 83)  
}
```

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(151, 141, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 141, 83) }
```

Border

The CSS property to change the border of an element to Yxy 26.2536, 0.3841, 0.4228 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(151, 141, 83) }
```

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

```
.border{ border-color:rgb(151, 141, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 141, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 141, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 141, 83);  
box-shadow:4px 4px 4px 4px rgb(151, 141,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2536, 0.3841, 0.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 141, 83) }
```

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

```
.background{ background-color: rgb(151,  
141, 83) }
```

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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