

Converting Colors

$Y_{xy}(26.0822, 0.3785, 0.4553)$

Have a look what the booklet for
Yxy(26.0822, 0.3785, 0.4553)
contains.

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Color

Yxy(26.0837, 0.3785, 0.4553)

Conversions

Conversions Part 1

Format	Color
Hex	8A9145
RGB	138, 145, 69
RGB Percent	54%, 57%, 27%
CMY	0.4587, 0.4314, 0.7294
CMYK	0.05, 0.00, 0.52, 0.43
HSL	66°, 36%, 42%
HSV	66°, 52%, 57%
XYZ	21.6839, 26.0837, 9.5214
YIQ	134.2430, 20.2240, -25.1200

Conversions

Conversions Part 2

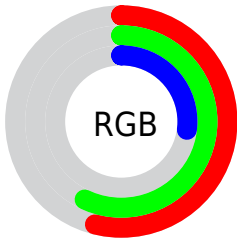
Format	Color
RYB	69, 145, 76
Decimal	9081157
CIELab	58.12, -13.95, 39.01
CIELCh	58, 41.433, 109.674
Yxy	26.0837, 0.3785, 0.4553
Android (android.graphics.Color)	4287271237 (0xFF8A9145)
YUV	134.2430, -32.1648, 3.2949
Hunter-Lab	51.0722, -13.5900, 24.6971

Details

The Yxy color **26.0837, 0.3785, 0.4553** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.8355, 0.2230, 0.1710**, and the grayscale version is **24.0512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5162, 0.3670, 0.4294**, and **10.2134, 0.3934, 0.4987** is the 20% darker color. If you saturate the color by 10%, you get **25.8135, 0.3880, 0.4753**, and if you desaturate by 10%, it is **26.4017, 0.3673, 0.4327**.

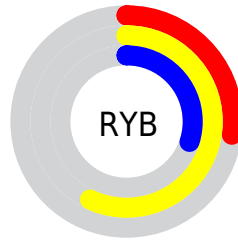
Distribution



Red (54%)

Green (57%)

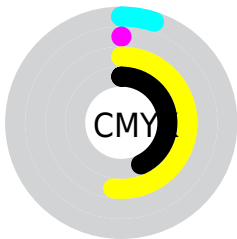
Blue (27%)



Red (27%)

Yellow (57%)

Blue (30%)

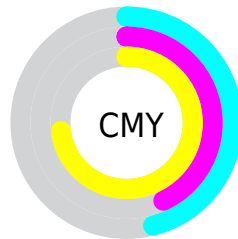


Cyan (5%)

Magenta (0%)

Yellow (52%)

Black (43%)



Cyan (46%)


Magenta (43%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0837, 0.3785, 0.4553 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 26.0837, 0.3785, 0.4553 by changing the saturation by 10% instead.


 26.0837, 0.3785,
0.4553


 26.0837, 0.3785,
0.4553


283.1927, 0.3453,
0.3856


 16.8863, 0.3859,
0.4742


 53.4099, 0.3668,
0.4286

 10.1534, 0.3941,
0.4989

 72.3075, 0.3623,
0.4190


 5.5008, 0.4030,
0.5329

 95.2073, 0.3584,
0.4110

 2.5440, 0.4134,
0.5866

 122.4937, 0.3550,
0.4043

 0.8986, 0.3636,
0.6364

 154.5510, 0.3521,
0.3986

 0.0000, 0.0000,
0.0000

191.7637, 0.3495,

0.3937

234.5161, 0.3473,
0.3894

■ 26.0837, 0.3785,
0.4553

■ 26.0837, 0.3785,
0.4553

■ 25.8135, 0.3880,
0.4753

■ 26.4017, 0.3673,
0.4327

■ 25.5843, 0.3953,
0.4920

■ 26.7668, 0.3550,
0.4085

■ 25.3934, 0.4003,
0.5046

■ 27.1829, 0.3420,
0.3836

■ 25.2366, 0.4027,
0.5130

■ 27.6525, 0.3288,
0.3588

■ 25.1309, 0.4036,
0.5177

■ 28.1780, 0.3158,
0.3347

■ 28.7614, 0.3032,
0.3117

■ 29.4050, 0.2914,
0.2902

■ 30.1105, 0.2802,
0.2703

■ 30.8799, 0.2699,
0.2521

Harmonies

Analogous

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



26.0837, 0.4311, 0.4233



26.0837, 0.3785, 0.4553



26.0837, 0.3115, 0.4479

Triad

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



26.0837, 0.3785, 0.4553



26.0837, 0.1901, 0.2602



26.0837, 0.3731, 0.2738

Complementary

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



26.0837, 0.3785, 0.4553



7.8355, 0.2230, 0.1710

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.



26.0837, 0.3011, 0.2387



26.0837, 0.3785, 0.4553



26.0837, 0.2020, 0.2281

Square

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



26.0837, 0.3785, 0.4553



26.0837, 0.2055, 0.3196



26.0837, 0.2400, 0.2221



26.0837, 0.4314, 0.3213

Rectangle

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



26.0837, 0.3785, 0.4553



26.0837, 0.2678, 0.4158



26.0837, 0.2400, 0.2221



26.0837, 0.3492, 0.2604

Sweetspot

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



26.0849, 0.3785, 0.4553



49.1828, 0.3340, 0.3685



11.5264, 0.4515, 0.3404



10.9073, 0.3364, 0.3729



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.



26.0849, 0.3785, 0.4553



46.1470, 0.3895, 0.4788



23.4268, 0.3357, 0.4758



6.2606, 0.3245, 0.3508



21.5627, 0.4037, 0.5176



0.2109, 0.4120, 0.5111

Inverse Universe

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



7.8355, 0.2230, 0.1710



9.7559, 0.1999, 0.1327



9.8330, 0.2717, 0.1896



5.2772, 0.3003, 0.3064



1.8345, 0.1541, 0.0623



0.0213, 0.1730, 0.0726

Previews

White Background



This preview shows how the Yxy color 26.0837, 0.3785, 0.4553 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 26.0837, 0.3785, 0.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

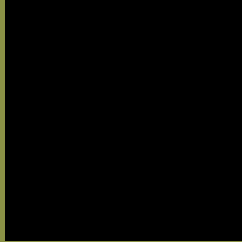
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0837, 0.3785, 0.4553

Background



This preview shows how black text looks on a background with the Yxy color 26.0837, 0.3785, 0.4553.



This preview shows how white text looks on a background with the Yxy color 26.0837, 0.3785, 0.4553.

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

26.0837, 0.3785, 0.4553

Protanopia

26.1300, 0.4043, 0.4419

Deuteranopia

25.9009, 0.4251, 0.4178



Tritanopia

26.1089, 0.3124, 0.3129

Trichromacy



Original Color

26.0837, 0.3785, 0.4553

Protanomaly

26.1529, 0.3946, 0.4466

Deuteranomaly

25.7172, 0.4081, 0.4305

Tritanomaly

25.9277, 0.3378, 0.3644

Monochromacy



Original Color

26.0837, 0.3785, 0.4553

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4536, 0.3386, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0837, 0.3785, 0.4553 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(138, 145, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 145, 69) }
```

Border

The CSS property to change the border of an element to Yxy 26.0837, 0.3785, 0.4553 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, 69) }
```

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

```
.border{ border-color:rgb(138, 145, 69) }
```

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, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 145, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 145, 69);  
box-shadow:4px 4px 4px 4px rgb(138, 145,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0837, 0.3785, 0.4553 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, 69) }
```

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

```
.background{ background-color: rgb(138,  
145, 69) }
```

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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