

Converting Colors

$Yxy(26.4205, 0.3451, 0.4046)$

Have a look what the booklet for
Yxy(26.4205, 0.3451, 0.4046)
contains.

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Color

Yxy(26.3413, 0.3455, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	879165
RGB	135, 145, 101
RGB Percent	53%, 57%, 40%
CMY	0.4706, 0.4314, 0.6038
CMYK	0.07, 0.00, 0.30, 0.43
HSL	74°, 18%, 48%
HSV	74°, 30%, 57%
XYZ	22.4659, 26.3413, 16.2170
YIQ	136.9940, 8.1640, -15.8040

Conversions

Conversions Part 2

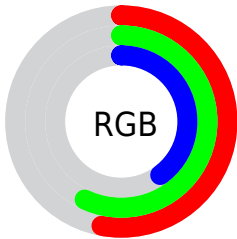
Format	Color
RYB	101, 145, 111
Decimal	8884581
CIELab	58.36, -11.37, 22.19
CIElCh	58, 24.934, 117.126
Yxy	26.3413, 0.3455, 0.4051
Android (android.graphics.Color)	4287074661 (0xFF879165)
YUV	136.9940, -17.7450, -1.7487
Hunter-Lab	51.3238, -11.6821, 17.1925

Details

The Yxy color **26.3413, 0.3455, 0.4051** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.7374, 0.2728, 0.2463**, and the grayscale version is **25.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9327, 0.3396, 0.3890**, and **10.3821, 0.3554, 0.4338** is the 20% darker color. If you saturate the color by 10%, you get **25.8132, 0.3556, 0.4311**, and if you desaturate by 10%, it is **26.9304, 0.3348, 0.3791**.

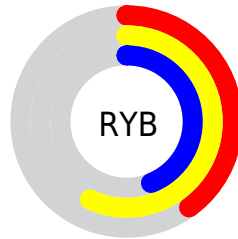
Distribution



Red (53%)

Green (57%)

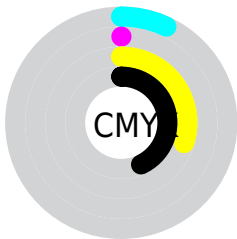
Blue (40%)



Red (40%)

Yellow (57%)

Blue (44%)

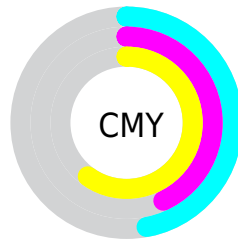


Cyan (7%)

Magenta (0%)

Yellow (30%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3413, 0.3455, 0.4051 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 26.3413, 0.3455, 0.4051 by changing the saturation by 10% instead.

■ 26.3413, 0.3455,
0.4051

■ 26.3413, 0.3455,
0.4051

284.4535, 0.3283,
0.3626

■ 17.0791, 0.3499,
0.4174

■ 53.8250, 0.3391,
0.3885

■ 10.2909, 0.3555,
0.4343

■ 72.8154, 0.3368,
0.3826

■ 5.5923, 0.3627,
0.4587

■ 95.8173, 0.3348,
0.3778

■ 2.5988, 0.3735,
0.4994

■ 123.2151, 0.3331,
0.3737

■ 0.9261, 0.3940,
0.6060

155.3933, 0.3316,
0.3703

■ 0.0000, 0.0000,
0.0000

192.7361, 0.3304,

0.3674

235.6280, 0.3293,
0.3648

■ 26.3413, 0.3455,
0.4051

■ 26.3413, 0.3455,
0.4051

■ 25.8132, 0.3556,
0.4311

■ 26.9304, 0.3348,
0.3791

■ 25.3399, 0.3646,
0.4561

■ 27.5794, 0.3239,
0.3538

■ 24.9196, 0.3721,
0.4792


■ 28.2920, 0.3131,
0.3298

■ 24.5490, 0.3776,
0.4994

■ 29.0703, 0.3026,
0.3072


■ 24.2244, 0.3807,
0.5158

■ 29.9165, 0.2927,
0.2864


 23.9416, 0.3813,
0.5277

 30.8325, 0.2834,
0.2673

 23.6968, 0.3803,
0.5362

 31.8203, 0.2747,
0.2500

 32.8817, 0.2667,
0.2343

 34.0185, 0.2593,
0.2201

Harmonies

Analogous

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



26.3413, 0.3799, 0.3951



26.3413, 0.3455, 0.4051



26.3413, 0.3037, 0.3914

Triad

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



26.3413, 0.3455, 0.4051



26.3413, 0.2353, 0.2817



26.3413, 0.3593, 0.3021

Complementary

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



26.3413, 0.3455, 0.4051



14.7374, 0.2728, 0.2463

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.



26.3413, 0.3174, 0.2762



26.3413, 0.3455, 0.4051



26.3413, 0.2476, 0.2636

Square

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



26.3413, 0.3455, 0.4051



26.3413, 0.2417, 0.3153



26.3413, 0.2767, 0.2623



26.3413, 0.3891, 0.3349

Rectangle

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



26.3413, 0.3455, 0.4051



26.3413, 0.2775, 0.3699



26.3413, 0.2767, 0.2623



26.3413, 0.3460, 0.2924

Sweetspot

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



26.3425, 0.3455, 0.4051



49.5276, 0.3226, 0.3510



18.2311, 0.3732, 0.3460



10.9821, 0.3241, 0.3543



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.



26.3425, 0.3455, 0.4051



46.5523, 0.3521, 0.4218



24.7350, 0.3216, 0.4112



6.2244, 0.3226, 0.3510



20.3361, 0.3806, 0.5360



0.2042, 0.4002, 0.5205

Inverse Universe

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



14.7374, 0.2728, 0.2463



22.5331, 0.2625, 0.2262



16.3051, 0.2999, 0.2524



5.3105, 0.3023, 0.3065



2.0412, 0.1642, 0.0678



0.0280, 0.2033, 0.0893

Previews

White Background



This preview shows how the Yxy color 26.3413, 0.3455, 0.4051 looks on a white background.

Color Contrast Check

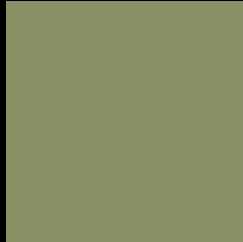
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3413, 0.3455, 0.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

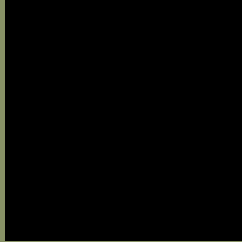
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

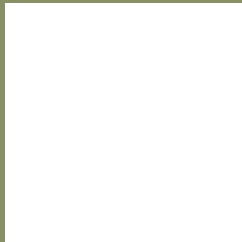
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3413, 0.3455, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 26.3413, 0.3455, 0.4051.



This preview shows how white text looks on a background with the Yxy color 26.3413, 0.3455, 0.4051.

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

26.3413, 0.3455, 0.4051

Protanopia

26.2363, 0.3684, 0.3962

Deuteranopia

26.1365, 0.3852, 0.3771



Tritanopia

26.3300, 0.3039, 0.3111

Trichromacy



Original Color

26.3413, 0.3455, 0.4051

Protanomaly

26.2858, 0.3593, 0.3994

Deuteranomaly

26.1048, 0.3710, 0.3873

Tritanomaly

26.2047, 0.3196, 0.3441

Monochromacy



Original Color

26.3413, 0.3455, 0.4051

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4456, 0.3246, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3413, 0.3455, 0.4051 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(135, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 101)  
}
```

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(135, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.3413, 0.3455, 0.4051 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(135, 145, 101) }
```

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

```
.border{ border-color:rgb(135, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 145,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3413, 0.3455, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 101) }
```

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

```
.background{ background-color: rgb(135,  
145, 101) }
```

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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