

Converting Colors

$Y_{xy}(19.3059, 0.3436, 0.3471)$

Have a look what the booklet for
Yxy(19.3059, 0.3436, 0.3471)
contains.

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Color

Yxy(19.3661, 0.3442, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	86776D
RGB	134, 119, 109
RGB Percent	53%, 47%, 43%
CMY	0.4745, 0.5333, 0.5726
CMYK	0.00, 0.11, 0.19, 0.47
HSL	24°, 10%, 48%
HSV	24°, 19%, 53%
XYZ	19.1877, 19.3661, 17.1920
YIQ	122.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

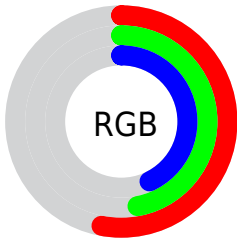
Format	Color
R_{YB}	134, 126, 109
Decimal	8812397
CIE Lab	51.11, 4.03, 7.61
CIE LCh	51, 8.616, 62.084
Yxy	19.3661, 0.3442, 0.3474
Android (android.graphics.Color)	4287002477 (0xFF86776D)
YUV	122.3450, -6.5791, 10.2214
Hunter-Lab	44.0069, 0.8167, 7.6423

Details

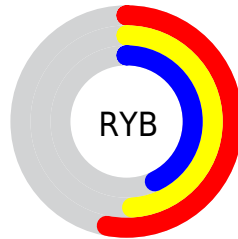
The Yxy color **19.3661, 0.3442, 0.3474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3824, 0.2848, 0.3099**, and the grayscale version is **19.5998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2287, 0.3370, 0.3437**, and **6.7391, 0.3564, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **17.2680, 0.3649, 0.3579**, and if you desaturate by 10%, it is **21.6716, 0.3263, 0.3373**.

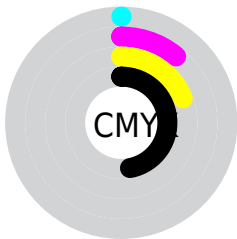
Distribution



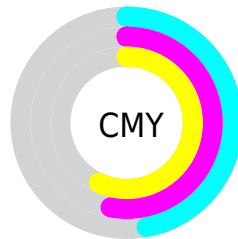
- Red (53%)
- Green (47%)
- Blue (43%)



- Red (53%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (47%)





- Cyan (47%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3661, 0.3442, 0.3474 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 19.3661, 0.3442, 0.3474 by changing the saturation by 10% instead.


 19.3661, 0.3442,
0.3474


 19.3661, 0.3442,
0.3474


248.4625, 0.3261,
0.3370


 11.9351, 0.3498,
0.3505


 42.3518, 0.3369,
0.3433


 6.6995, 0.3577,
0.3548


 58.6753, 0.3344,
0.3419

 3.2749, 0.3699,
0.3612

 78.7318, 0.3324,
0.3407

 1.2769, 0.3920,
0.3725

 102.9056, 0.3307,
0.3397

 0.1232, 0.6363,
0.3637

131.5812, 0.3293,
0.3389

 0.0000, 0.0000,
0.0000

165.1430, 0.3281,

0.3382

203.9752, 0.3270,
0.3376

■ 19.3661, 0.3442,
0.3474

■ 19.3661, 0.3442,
0.3474

■ 17.2680, 0.3649,
0.3579

■ 21.6716, 0.3263,
0.3373

■ 15.3686, 0.3886,
0.3685

■ 24.1876, 0.3108,
0.3278

■ 13.6627, 0.4152,
0.3786

■ 26.9204, 0.2974,
0.3189

■ 12.1436, 0.4443,
0.3874

■ 29.8753, 0.2860,
0.3107

■ 10.8041, 0.4752,
0.3939

■ 33.0572, 0.2761,
0.3032

■ 9.6368, 0.5062,
0.3970

■ 36.4712, 0.2675,
0.2964

■ 8.6332, 0.5353,
0.3955

■ 40.1219, 0.2600,
0.2901

■ 7.7798, 0.5615,
0.3902

■ 44.0140, 0.2535,
0.2844

■ 7.6753, 0.5651,
0.3895

■ 48.1519, 0.2478,
0.2791

Harmonies

Analogous

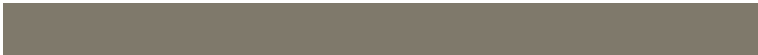
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.3661, 0.3427, 0.3346



19.3661, 0.3442, 0.3474



19.3661, 0.3371, 0.3558

Triad

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



19.3661, 0.3442, 0.3474



19.3661, 0.2927, 0.3372



19.3661, 0.3015, 0.3026

Complementary

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



19.3661, 0.3442, 0.3474



19.3824, 0.2848, 0.3099

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.



19.3661, 0.2886, 0.3027



19.3661, 0.3442, 0.3474



19.3661, 0.2837, 0.3222

Square

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



19.3661, 0.3442, 0.3474



19.3661, 0.3072, 0.3501



19.3661, 0.2822, 0.3096



19.3661, 0.3177, 0.3092

Rectangle

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



19.3661, 0.3442, 0.3474



19.3661, 0.3285, 0.3575



19.3661, 0.2822, 0.3096



19.3661, 0.2966, 0.3019

Sweetspot

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



19.3670, 0.3442, 0.3474



39.2712, 0.3221, 0.3348



17.4585, 0.3274, 0.3019



8.7963, 0.3230, 0.3353



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.3670, 0.3442, 0.3474



32.6687, 0.3518, 0.3514



22.5380, 0.3404, 0.3693



4.9722, 0.3270, 0.3377



7.2134, 0.5646, 0.3899



0.0386, 0.4953, 0.4449

Inverse Universe

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



19.3824, 0.2848, 0.3099



32.6997, 0.2790, 0.3055



16.4483, 0.2835, 0.2853



4.9741, 0.2992, 0.3201



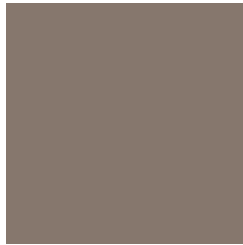
7.0568, 0.1879, 0.1963



0.0388, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 19.3661, 0.3442, 0.3474 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 19.3661, 0.3442, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

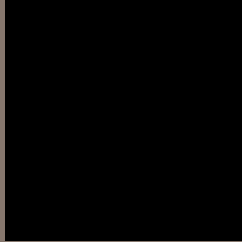
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3661, 0.3442, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 19.3661, 0.3442, 0.3474.

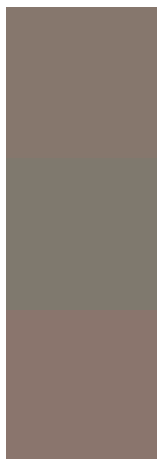


This preview shows how white text looks on a background with the Yxy color 19.3661, 0.3442, 0.3474.

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

19.3661, 0.3442, 0.3474

Protanopia

19.3126, 0.3333, 0.3497

Deuteranopia

19.2300, 0.3502, 0.3435



Tritanopia

19.4632, 0.3262, 0.3131

Trichromacy



Original Color

19.3661, 0.3442, 0.3474

Protanomaly

19.3046, 0.3374, 0.3476

Deuteranomaly

19.3794, 0.3485, 0.3454

Tritanomaly

19.4638, 0.3321, 0.3255

Monochromacy



Original Color

19.3661, 0.3442, 0.3474

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.3947, 0.3236, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3661, 0.3442, 0.3474 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(134, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 109)  
}
```

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(134, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 109) }
```

Border

The CSS property to change the border of an element to Yxy 19.3661, 0.3442, 0.3474 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(134, 119, 109) }
```

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

```
.border{ border-color:rgb(134, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3661, 0.3442, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 109) }
```

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

```
.background{ background-color: rgb(134,  
119, 109) }
```

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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