

Converting Colors

$Y_{xy}(19.1493, 0.3428, 0.3976)$

Have a look what the booklet for
Yxy(19.1493, 0.3428, 0.3976)
contains.

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Color

Yxy(19.1873, 0.3426, 0.3980)

Conversions

Conversions Part 1

Format	Color
Hex	757D5A
RGB	117, 125, 90
RGB Percent	46%, 49%, 35%
CMY	0.5411, 0.5098, 0.6471
CMYK	0.06, 0.00, 0.28, 0.51
HSL	74°, 16%, 42%
HSV	74°, 28%, 49%
XYZ	16.5165, 19.1873, 12.5055
YIQ	118.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

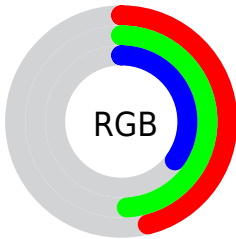
Format	Color
RYB	90, 125, 98
Decimal	7699802
CIELab	50.91, -9.37, 18.14
CIElCh	51, 20.414, 117.321
Yxy	19.1873, 0.3426, 0.3980
Android (android.graphics.Color)	4285889882 (0xFF757D5A)
YUV	118.6180, -14.1087, -1.4190
Hunter-Lab	43.8033, -9.3505, 13.7355

Details

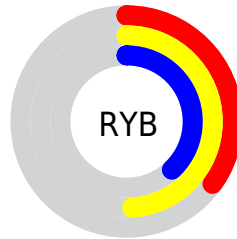
The Yxy color **19.1873, 0.3426, 0.3980** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.3887, 0.2771, 0.2546**, and the grayscale version is **18.3657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1693, 0.3359, 0.3827**, and **6.5797, 0.3528, 0.4281** is the 20% darker color. If you saturate the color by 10%, you get **18.7983, 0.3528, 0.4237**, and if you desaturate by 10%, it is **19.6198, 0.3320, 0.3725**.

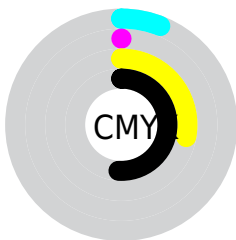
Distribution



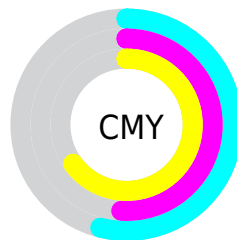
- Red (46%)
- Green (49%)
- Blue (35%)



- Red (35%)
- Yellow (49%)
- Blue (38%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1873, 0.3426, 0.3980 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 19.1873, 0.3426, 0.3980 by changing the saturation by 10% instead.

■ 19.1873, 0.3426,
0.3980

■ 19.1873, 0.3426,
0.3980

■ 247.4808, 0.3260,
0.3577

■ 11.8057, 0.3472,
0.4106

■ 42.0504, 0.3362,
0.3816

■ 6.6115, 0.3534,
0.4287

■ 58.3006, 0.3339,
0.3760

■ 3.2204, 0.3617,
0.4566

■ 78.2758, 0.3320,
0.3715

■ 1.2478, 0.4158,
0.5632

■ 102.3605, 0.3304,
0.3678

■ 0.1003, 0.0000,
1.0000

■ 130.9389, 0.3291,
0.3647

■ 0.0000, 0.0000,
0.0000

164.3955, 0.3279,

0.3620

203.1147, 0.3269,
0.3597

■ 19.1873, 0.3426,
0.3980

■ 19.1873, 0.3426,
0.3980

■ 18.7983, 0.3528,
0.4237

■ 19.6198, 0.3320,
0.3725

■ 18.4484, 0.3620,
0.4488

■ 20.0951, 0.3212,
0.3478

■ 18.1365, 0.3699,
0.4723

■ 20.6154, 0.3106,
0.3244

■ 17.8604, 0.3760,
0.4932

■ 21.1825, 0.3004,
0.3026

■ 17.6176, 0.3798,
0.5107

■ 21.7977, 0.2908,
0.2824

■ 17.4054, 0.3813,
0.5240

■ 22.4623, 0.2817,
0.2639

■ 17.2167, 0.3809,
0.5339

■ 23.1778, 0.2733,
0.2471

■ 17.1800, 0.3808,
0.5359

■ 23.9454, 0.2655,
0.2319

■ 24.7663, 0.2583,
0.2182

Harmonies

Analogous

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



19.1873, 0.3739, 0.3895



19.1873, 0.3426, 0.3980



19.1873, 0.3045, 0.3852

Triad

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



19.1873, 0.3426, 0.3980



19.1873, 0.2418, 0.2860



19.1873, 0.3554, 0.3046

Complementary

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



19.1873, 0.3426, 0.3980



11.3887, 0.2771, 0.2546

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.



19.1873, 0.3174, 0.2807



19.1873, 0.3426, 0.3980



19.1873, 0.2533, 0.2691

Square

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



19.1873, 0.3426, 0.3980



19.1873, 0.2476, 0.3166



19.1873, 0.2802, 0.2678



19.1873, 0.3822, 0.3349

Rectangle

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



19.1873, 0.3426, 0.3980



19.1873, 0.2805, 0.3658



19.1873, 0.2802, 0.2678



19.1873, 0.3434, 0.2957

Sweetspot

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



19.1881, 0.3426, 0.3980



35.9685, 0.3214, 0.3483



13.7556, 0.3663, 0.3444



8.1554, 0.3228, 0.3514



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



19.1881, 0.3426, 0.3980



33.8775, 0.3496, 0.4156



18.1098, 0.3210, 0.4030



4.9715, 0.3224, 0.3505



17.9278, 0.3807, 0.5359



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3887, 0.2771, 0.2546



17.3357, 0.2665, 0.2338



12.4434, 0.3013, 0.2596



4.2554, 0.3025, 0.3070



1.8079, 0.1647, 0.0681



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.1873, 0.3426, 0.3980 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 19.1873, 0.3426, 0.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

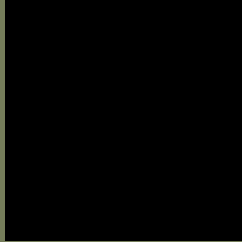
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1873, 0.3426, 0.3980

Background



This preview shows how black text looks on a background with the Yxy color 19.1873, 0.3426, 0.3980.



This preview shows how white text looks on a background with the Yxy color 19.1873, 0.3426, 0.3980.

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

19.1873, 0.3426, 0.3980

Protanopia

19.1252, 0.3640, 0.3910

Deuteranopia

19.0143, 0.3782, 0.3719



Tritanopia

19.1555, 0.3049, 0.3123

Trichromacy



Original Color

19.1873, 0.3426, 0.3980

Protanomaly

19.0003, 0.3556, 0.3923

Deuteranomaly

18.9355, 0.3654, 0.3811

Tritanomaly

19.1499, 0.3183, 0.3424

Monochromacy



Original Color

19.1873, 0.3426, 0.3980

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.6090, 0.3241, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1873, 0.3426, 0.3980 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(117, 125, 90)` looks like.

```
.text, #text, p{  
    color:rgb(117, 125, 90)  
}
```

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(117, 125, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 125, 90) }
```

Border

The CSS property to change the border of an element to Yxy 19.1873, 0.3426, 0.3980 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(117, 125, 90) }
```

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

```
.border{ border-color:rgb(117, 125, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 125, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 125, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 125, 90);  
box-shadow:4px 4px 4px 4px rgb(117, 125,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1873, 0.3426, 0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 125, 90) }
```

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

```
.background{ background-color: rgb(117,  
125, 90) }
```

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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