

Converting Colors

$Y_{xy}(19.1131, 0.3668, 0.4221)$

Have a look what the booklet for
Yxy(19.1131, 0.3668, 0.4221)
contains.

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Color

Yxy(19.1343, 0.3678, 0.4228)

Conversions

Conversions Part 1

Format	Color
Hex	7B7C4B
RGB	123, 124, 75
RGB Percent	48%, 49%, 29%
CMY	0.5177, 0.5137, 0.7058
CMYK	0.01, 0.00, 0.39, 0.51
HSL	61°, 25%, 39%
HSV	61°, 39%, 49%
XYZ	16.6452, 19.1343, 9.4766
YIQ	118.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

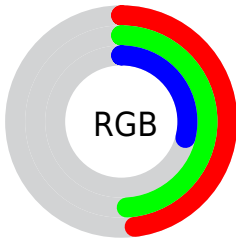
Format	Color
R_{YB}	75, 124, 76
Decimal	8092747
CIE Lab	50.84, -8.38, 26.62
CIE LCh	51, 27.904, 107.479
Yxy	19.1343, 0.3678, 0.4228
Android (android.graphics.Color)	4286282827 (0xFF7B7C4B)
YUV	118.1150, -21.2557, 4.2841
Hunter-Lab	43.7428, -8.6262, 17.7751

Details

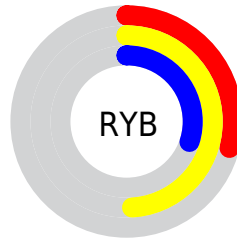
The Yxy color **19.1343, 0.3678, 0.4228** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0291, 0.2450, 0.2152**, and the grayscale version is **18.2194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7614, 0.3557, 0.4000**, and **6.5373, 0.3875, 0.4617** is the 20% darker color. If you saturate the color by 10%, you get **18.9625, 0.3805, 0.4447**, and if you desaturate by 10%, it is **19.3410, 0.3541, 0.3994**.

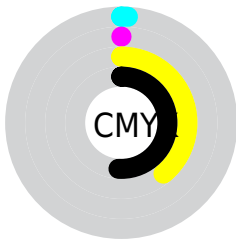
Distribution



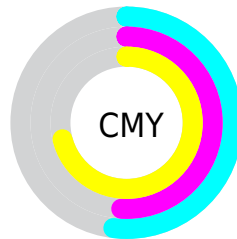
- Red (48%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1343, 0.3678, 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 19.1343, 0.3678, 0.4228 by changing the saturation by 10% instead.

■ 19.1343, 0.3678,
0.4228

■ 19.1343, 0.3678,
0.4228

■ 247.1892, 0.3374,
0.3685

■ 11.7674, 0.3760,
0.4392

■ 41.9609, 0.3562,
0.4011

■ 6.5855, 0.3866,
0.4619

■ 58.1894, 0.3520,
0.3935

■ 3.2042, 0.4016,
0.4972

■ 78.1405, 0.3485,
0.3874

■ 1.2393, 0.4313,
0.5687

■ 102.1986, 0.3455,
0.3823

■ 0.0934, 0.0000,
1.0000

■ 130.7481, 0.3431,
0.3781

■ 0.0000, 0.0000,
0.0000

164.1735, 0.3409,

0.3744

202.8590, 0.3390,
0.3713

■ 19.1343, 0.3678,
0.4228

■ 19.1343, 0.3678,
0.4228

■ 18.9625, 0.3805,
0.4447

■ 19.3410, 0.3541,
0.3994

■ 18.8211, 0.3917,
0.4642

■ 19.5817, 0.3400,
0.3753

■ 18.7087, 0.4010,
0.4806

■ 19.8591, 0.3258,
0.3512

■ 18.6231, 0.4081,
0.4932

■ 20.1746, 0.3120,
0.3279

■ 18.5614, 0.4127,
0.5019

■ 20.5296, 0.2988,
0.3055

■ 18.5148, 0.4157,
0.5077

■ 20.9256, 0.2864,
0.2846

■ 18.5125, 0.4158,
0.5080

■ 21.3639, 0.2748,
0.2652

■ 21.8457, 0.2642,
0.2473

■ 22.3723, 0.2545,
0.2310

Harmonies

Analogous

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



19.1343, 0.4052, 0.4006



19.1343, 0.3678, 0.4228



19.1343, 0.3174, 0.4170

Triad

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



19.1343, 0.3678, 0.4228



19.1343, 0.2181, 0.2811



19.1343, 0.3545, 0.2844

Complementary

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



19.1343, 0.3678, 0.4228



8.0291, 0.2450, 0.2152

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.



19.1343, 0.3009, 0.2574



19.1343, 0.3678, 0.4228



19.1343, 0.2258, 0.2532

Square

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



19.1343, 0.3678, 0.4228



19.1343, 0.2326, 0.3274



19.1343, 0.2547, 0.2459



19.1343, 0.3987, 0.3218

Rectangle

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



19.1343, 0.3678, 0.4228



19.1343, 0.2835, 0.3952



19.1343, 0.2547, 0.2459



19.1343, 0.3368, 0.2740

Sweetspot

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



19.1352, 0.3678, 0.4228



34.8010, 0.3298, 0.3579



9.9408, 0.4047, 0.3310



8.1842, 0.3312, 0.3603



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.



19.1352, 0.3678, 0.4228



33.4046, 0.3788, 0.4418



17.5609, 0.3357, 0.4337



4.6299, 0.3252, 0.3502



18.8176, 0.4158, 0.5080



89.7130, 0.4156, 0.5082

Inverse Universe

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



8.0291, 0.2450, 0.2152



11.0933, 0.2275, 0.1860



9.2191, 0.2798, 0.2253



3.8972, 0.2997, 0.3069



1.4962, 0.1510, 0.0606



7.0908, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 19.1343, 0.3678, 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 19.1343, 0.3678, 0.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

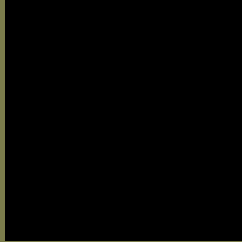
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1343, 0.3678, 0.4228

Background



This preview shows how black text looks on a background with the Yxy color 19.1343, 0.3678, 0.4228.



This preview shows how white text looks on a background with the Yxy color 19.1343, 0.3678, 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

19.1343, 0.3678, 0.4228

Protanopia

19.0747, 0.3832, 0.4156

Deuteranopia

19.1376, 0.4027, 0.3965



Tritanopia

19.1563, 0.3160, 0.3126

Trichromacy



Original Color

19.1343, 0.3678, 0.4228

Protanomaly

19.0806, 0.3784, 0.4186

Deuteranomaly

19.1187, 0.3906, 0.4063

Tritanomaly

19.0277, 0.3359, 0.3517

Monochromacy



Original Color

19.1343, 0.3678, 0.4228

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.3853, 0.3340, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1343, 0.3678, 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(123, 124, 75)` looks like.

```
.text, #text, p{  
    color:rgb(123, 124, 75)  
}
```

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(123, 124, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 124, 75) }
```

Border

The CSS property to change the border of an element to Yxy 19.1343, 0.3678, 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(123, 124, 75) }
```

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

```
.border{ border-color:rgb(123, 124, 75) }
```

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

Here you see how a box with a 4 pixel rgb(123, 124, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 124, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 124, 75);  
box-shadow:4px 4px 4px 4px rgb(123, 124,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1343, 0.3678, 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(123, 124, 75) }
```

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

```
.background{ background-color: rgb(123,  
124, 75) }
```

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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