

Converting Colors

$Y_{xy}(15.1420, 0.4125, 0.3567)$

Have a look what the booklet for
Yxy(15.1420, 0.4125, 0.3567)
contains.

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Color

$Y_{xy}(15.2545, 0.4128, 0.3575)$

Conversions

Conversions Part 1

Format	Color
Hex	926151
RGB	146, 97, 81
RGB Percent	57%, 38%, 32%
CMY	0.4274, 0.6196, 0.6823
CMYK	0.00, 0.34, 0.45, 0.43
HSL	15°, 29%, 45%
HSV	15°, 45%, 57%
XYZ	17.6141, 15.2545, 9.8013
YIQ	109.8270, 34.3400, 5.4120

Conversions

Conversions Part 2

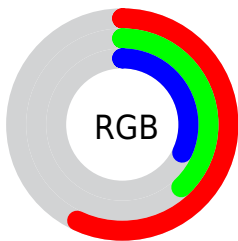
Format	Color
R_{YB}	146, 102, 81
Decimal	9593169
CIE Lab	45.98, 17.91, 17.23
CIE LCh	46, 24.850, 43.897
Yxy	15.2545, 0.4128, 0.3575
Android (android.graphics.Color)	4287783249 (0xFF926151)
YUV	109.8270, -14.2117, 31.7237
Hunter-Lab	39.0570, 12.1512, 12.4612

Details

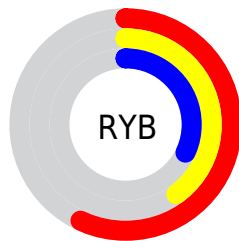
The Yxy color **15.2545, 0.4128, 0.3575** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7904, 0.2491, 0.2976**, and the grayscale version is **15.5754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3481, 0.3889, 0.3527**, and **4.7357, 0.4603, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **13.1644, 0.4463, 0.3632**, and if you desaturate by 10%, it is **17.6755, 0.3835, 0.3510**.

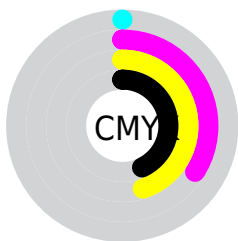
Distribution



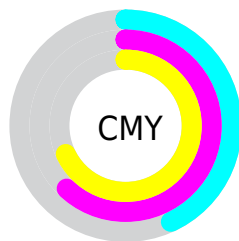
- Red (57%)
- Green (38%)
- Blue (32%)



- Red (57%)
- Yellow (40%)
- Blue (32%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (43%)




- Cyan (43%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2545, 0.4128, 0.3575 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 15.2545, 0.4128, 0.3575 by changing the saturation by 10% instead.


 15.2545, 0.4128,
0.3575


 15.2545, 0.4128,
0.3575


224.9015, 0.3531,
0.3427


 8.9982, 0.4320,
0.3609


 35.2990, 0.3882,
0.3522


 4.7400, 0.4599,
0.3645

 49.8560, 0.3799,
0.3501

 2.0955, 0.5049,
0.3683

 67.9488, 0.3733,
0.3484

 0.6621, 0.6215,
0.3785

 89.9616, 0.3678,
0.3469

 0.0000, 1.0000,
0.0000

 116.2788, 0.3632,
0.3456

 0.0000, 0.0000,
0.0000

147.2850, 0.3593,

0.3445

183.3644, 0.3560,
0.3435

■ 15.2545, 0.4128,
0.3575

■ 15.2545, 0.4128,
0.3575

■ 13.1644, 0.4463,
0.3632

■ 17.6755, 0.3835,
0.3510

■ 11.3882, 0.4833,
0.3673

■ 20.4387, 0.3585,
0.3444

■ 9.9110, 0.5218,
0.3688


■ 23.5578, 0.3374,
0.3378


■ 8.7156, 0.5587,
0.3667

■ 27.0450, 0.3197,
0.3317


■ 7.7826, 0.5900,
0.3608

■ 30.9118, 0.3049,
0.3259

 7.3691, 0.6055,
0.3574

 35.1695, 0.2925,
0.3206

 39.8285, 0.2820,
0.3158

 44.8991, 0.2732,
0.3114

 50.3912, 0.2656,
0.3074

Harmonies

Analogous

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



15.2545, 0.3913, 0.3176



15.2545, 0.4128, 0.3575



15.2545, 0.4046, 0.3943

Triad

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



15.2545, 0.4128, 0.3575



15.2545, 0.2751, 0.3833



15.2545, 0.2526, 0.2487

Complementary

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



15.2545, 0.4128, 0.3575



19.7904, 0.2491, 0.2976

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.



15.2545, 0.2269, 0.2582



15.2545, 0.4128, 0.3575



15.2545, 0.2387, 0.3336

Square

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



15.2545, 0.4128, 0.3575



15.2545, 0.3234, 0.4156



15.2545, 0.2220, 0.2876



15.2545, 0.2955, 0.2578

Rectangle

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



15.2545, 0.4128, 0.3575



15.2545, 0.3844, 0.4122



15.2545, 0.2220, 0.2876



15.2545, 0.2419, 0.2497

Sweetspot

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



15.2552, 0.4128, 0.3575



42.2943, 0.3350, 0.3370



13.6307, 0.3398, 0.2453



9.1484, 0.3389, 0.3383



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.



15.2552, 0.4128, 0.3575



23.3756, 0.4447, 0.3630



22.3184, 0.3884, 0.4099



6.0336, 0.3277, 0.3345



6.5159, 0.6046, 0.3581



0.1203, 0.5337, 0.4145

Inverse Universe

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



19.7904, 0.2491, 0.2976



32.3496, 0.2375, 0.2896



12.6233, 0.2380, 0.2314



6.3229, 0.2990, 0.3234



11.6875, 0.2026, 0.2494



0.1893, 0.2141, 0.2909

Previews

White Background



This preview shows how the Yxy color 15.2545, 0.4128, 0.3575 looks on a white 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

Black Background



This preview shows how the Yxy color 15.2545, 0.4128, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

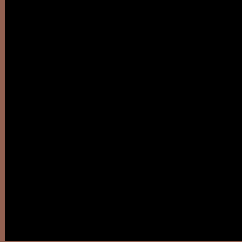
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2545, 0.4128, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 15.2545, 0.4128, 0.3575.



This preview shows how white text looks on a background with the Yxy color 15.2545, 0.4128, 0.3575.

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

15.2545, 0.4128, 0.3575

Protanopia

15.3222, 0.3528, 0.3767

Deuteranopia

15.3495, 0.3827, 0.3777



Tritanopia

15.2409, 0.3861, 0.3170

Trichromacy



Original Color

15.2545, 0.4128, 0.3575

Protanomaly

15.2553, 0.3741, 0.3705

Deuteranomaly

15.2328, 0.3939, 0.3706

Tritanomaly

15.1956, 0.3953, 0.3310

Monochromacy



Original Color

15.2545, 0.4128, 0.3575

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.2150, 0.3468, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2545, 0.4128, 0.3575 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(146, 97, 81)` looks like.

```
.text, #text, p{  
    color:rgb(146, 97, 81)  
}
```

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(146, 97, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 97, 81) }
```

Border

The CSS property to change the border of an element to Yxy 15.2545, 0.4128, 0.3575 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(146, 97, 81) }
```

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

```
.border{ border-color:rgb(146, 97, 81) }
```

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

Here you see how a box with a 4 pixel rgb(146, 97, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 97, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 97, 81);  
box-shadow:4px 4px 4px 4px rgb(146, 97,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2545, 0.4128, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 97, 81) }
```

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

```
.background{ background-color: rgb(146, 97,  
81) }
```

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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