

Converting Colors

$Y_{xy}(15.7242, 0.4103, 0.3623)$

Have a look what the booklet for
Yxy(15.7242, 0.4103, 0.3623)
contains.

Yxy(15.8194, 0.4104, 0.3627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.8194, 0.4104, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	926451
RGB	146, 100, 81
RGB Percent	57%, 39%, 32%
CMY	0.4274, 0.6079, 0.6823
CMYK	0.00, 0.32, 0.45, 0.43
HSL	18°, 29%, 45%
HSV	18°, 45%, 57%
XYZ	17.8999, 15.8194, 9.8964
YIQ	111.5880, 33.5150, 3.8430

Conversions

Conversions Part 2

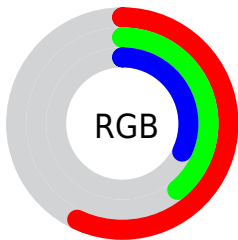
Format	Color
R_{YB}	146, 108, 81
Decimal	9593937
CIE _{Lab}	46.74, 16.18, 18.24
CIE _{LCh}	47, 24.386, 48.428
Yxy	15.8194, 0.4104, 0.3627
Android (android.graphics.Color)	4287784017 (0xFF926451)
YUV	111.5880, -15.0799, 30.1793
Hunter-Lab	39.7736, 10.7290, 13.0891

Details

The Yxy color **15.8194, 0.4104, 0.3627** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0155, 0.2481, 0.2916**, and the grayscale version is **16.1146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3015, 0.3875, 0.3566**, and **5.0007, 0.4550, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **13.7652, 0.4424, 0.3695**, and if you desaturate by 10%, it is **18.1740, 0.3822, 0.3550**.

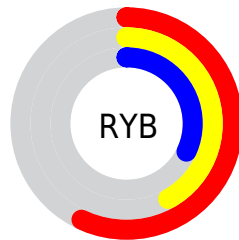
Distribution



Red (57%)

Green (39%)

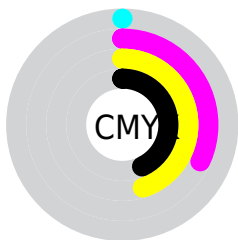
Blue (32%)



Red (57%)

Yellow (42%)

Blue (32%)

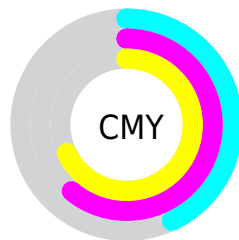


Cyan (0%)

Magenta (32%)

Yellow (45%)

Black (43%)



Cyan (43%)


Magenta (61%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8194, 0.4104, 0.3627 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 15.8194, 0.4104, 0.3627 by changing the saturation by 10% instead.


 15.8194, 0.4104,
0.3627


 15.8194, 0.4104,
0.3627


228.2737, 0.3525,
0.3448


 9.3964, 0.4288,
0.3671


 36.2844, 0.3867,
0.3561


 5.0007, 0.4553,
0.3721

 51.0952, 0.3786,
0.3536

 2.2477, 0.4974,
0.3779

 69.4708, 0.3721,
0.3516

 0.7458, 0.6028,
0.3972

 91.7955, 0.3668,
0.3498

 0.0000, 1.0000,
0.0000

 118.4538, 0.3624,
0.3483

 0.0000, 0.0000,
0.0000

149.8299, 0.3586,

0.3470

186.3084, 0.3553,
0.3458

■ 15.8194, 0.4104,
0.3627

■ 15.8194, 0.4104,
0.3627

■ 13.7652, 0.4424,
0.3695

■ 18.1740, 0.3822,
0.3550

■ 11.9967, 0.4775,
0.3746

■ 20.8383, 0.3579,
0.3472

■ 10.5012, 0.5140,
0.3769


■ 23.8241, 0.3372,
0.3395

■ 9.2641, 0.5492,
0.3753


■ 27.1420, 0.3197,
0.3321

■ 8.2690, 0.5795,
0.3694


■ 30.8019, 0.3049,
0.3253

 7.8144, 0.5949,
0.3658

 34.8134, 0.2924,
0.3191

 39.1857, 0.2819,
0.3133

 43.9275, 0.2729,
0.3081

 49.0474, 0.2652,
0.3033

Harmonies

Analogous

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



15.8194, 0.3937, 0.3238



15.8194, 0.4104, 0.3627



15.8194, 0.3983, 0.3971

Triad

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



15.8194, 0.4104, 0.3627



15.8194, 0.2699, 0.3748



15.8194, 0.2597, 0.2511

Complementary

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



15.8194, 0.4104, 0.3627



19.0155, 0.2481, 0.2916

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.



15.8194, 0.2318, 0.2577



15.8194, 0.4104, 0.3627



15.8194, 0.2371, 0.3262

Square

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



15.8194, 0.4104, 0.3627



15.8194, 0.3158, 0.4098



15.8194, 0.2239, 0.2835



15.8194, 0.3034, 0.2624

Rectangle

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



15.8194, 0.4104, 0.3627



15.8194, 0.3768, 0.4125



15.8194, 0.2239, 0.2835



15.8194, 0.2484, 0.2512

Sweetspot

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



15.8202, 0.4104, 0.3627



42.7180, 0.3348, 0.3385



13.5476, 0.3449, 0.2503



9.2547, 0.3386, 0.3400



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.



15.8202, 0.4104, 0.3627



24.4272, 0.4409, 0.3692



23.1930, 0.3861, 0.4149



6.0749, 0.3275, 0.3355



6.9091, 0.5940, 0.3665



0.1305, 0.5208, 0.4247

Inverse Universe

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



19.0155, 0.2481, 0.2916



30.7383, 0.2360, 0.2820



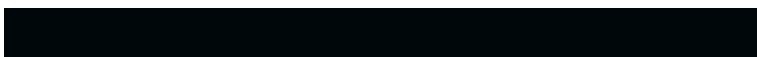
12.0276, 0.2368, 0.2245



6.2791, 0.2990, 0.3224



10.4677, 0.1982, 0.2335



0.1791, 0.2118, 0.2826

Previews

White Background



This preview shows how the Yxy color 15.8194, 0.4104, 0.3627 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 15.8194, 0.4104, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

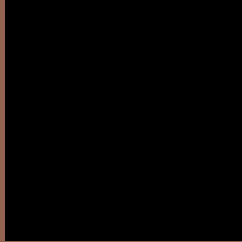
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8194, 0.4104, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 15.8194, 0.4104, 0.3627.



This preview shows how white text looks on a background with the Yxy color 15.8194, 0.4104, 0.3627.

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

15.8194, 0.4104, 0.3627

Protanopia

15.9627, 0.3562, 0.3798

Deuteranopia

15.7928, 0.3865, 0.3787



Tritanopia

15.8448, 0.3798, 0.3170

Trichromacy



Original Color

15.8194, 0.4104, 0.3627

Protanomaly

15.8226, 0.3758, 0.3737

Deuteranomaly

15.7982, 0.3954, 0.3737

Tritanomaly

15.7829, 0.3903, 0.3328

Monochromacy



Original Color

15.8194, 0.4104, 0.3627

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9498, 0.3445, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8194, 0.4104, 0.3627 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, 100, 81)` looks like.

```
.text, #text, p{  
    color:rgb(146, 100, 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, 100, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 100, 81) }
```

Border

The CSS property to change the border of an element to Yxy 15.8194, 0.4104, 0.3627 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, 100, 81) }
```

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

```
.border{ border-color:rgb(146, 100, 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, 100, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 100, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 100, 81);  
box-shadow:4px 4px 4px 4px rgb(146, 100,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8194, 0.4104, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 100, 81) }
```

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

```
.background{ background-color: rgb(146,  
100, 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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