

Converting Colors

$Y_{xy}(15.8039, 0.4303, 0.3510)$

Have a look what the booklet for
Yxy(15.8039, 0.4303, 0.3510)
contains.

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Color

Yxy(15.7676, 0.4313, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	9D5E51
RGB	157, 94, 81
RGB Percent	62%, 37%, 32%
CMY	0.3843, 0.6313, 0.6824
CMYK	0.00, 0.40, 0.48, 0.38
HSL	10°, 32%, 47%
HSV	10°, 48%, 62%
XYZ	19.3914, 15.7676, 9.8014
YIQ	111.3550, 41.7210, 9.3130

Conversions

Conversions Part 2

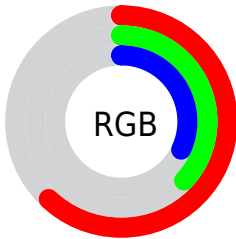
Format	Color
R_{YB}	157, 97, 81
Decimal	10313297
CIE _{Lab}	46.67, 24.23, 18.41
CIE _{LCh}	47, 30.430, 37.239
Yxy	15.7676, 0.4313, 0.3507
Android (android.graphics.Color)	4288503377 (0xFF9D5E51)
YUV	111.3550, -14.9650, 40.0307
Hunter-Lab	39.7084, 17.6798, 13.1612

Details

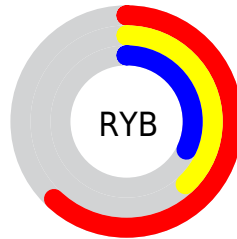
The Yxy color **15.7676, 0.4313, 0.3507** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1187, 0.2459, 0.3049**, and the grayscale version is **16.0403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1586, 0.4030, 0.3479**, and **4.9649, 0.4879, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **13.4375, 0.4693, 0.3541**, and if you desaturate by 10%, it is **18.5437, 0.3980, 0.3464**.

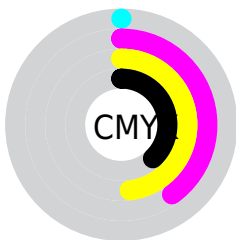
Distribution



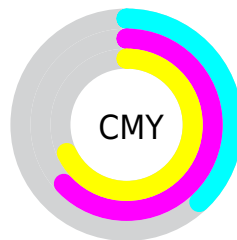
- Red (62%)
- Green (37%)
- Blue (32%)



- Red (62%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (38%)





- Cyan (38%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7676, 0.4313, 0.3507 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 15.7676, 0.4313, 0.3507 by changing the saturation by 10% instead.

 15.7676, 0.4313,
0.3507


 15.7676, 0.4313,
0.3507


227.9664, 0.3609,
0.3407


 9.3599, 0.4536,
0.3521


 36.1943, 0.4025,
0.3476


 4.9766, 0.4857,
0.3525

 50.9820, 0.3927,
0.3462

 2.2336, 0.5363,
0.3505

 69.3318, 0.3848,
0.3450

 0.7382, 0.6512,
0.3488

 91.6282, 0.3783,
0.3439

 0.0000, 1.0000,
0.0000

 118.2554, 0.3729,
0.3430

 0.0000, 0.0000,
0.0000

149.5979, 0.3683,

0.3421

186.0401, 0.3643,
0.3414

■ 15.7676, 0.4313,
0.3507

■ 15.7676, 0.4313,
0.3507

■ 13.4375, 0.4693,
0.3541

■ 18.5437, 0.3980,
0.3464

■ 11.5276, 0.5106,
0.3559

■ 21.7851, 0.3697,
0.3417

■ 10.0133, 0.5519,
0.3552


■ 25.5126, 0.3461,
0.3370


■ 8.8661, 0.5886,
0.3516

■ 29.7454, 0.3265,
0.3325


■ 8.0503, 0.6168,
0.3459

■ 34.5013, 0.3104,
0.3284

 7.9476, 0.6209,
0.3452

 39.7975, 0.2970,
0.3245

 45.6502, 0.2859,
0.3210

 52.0751, 0.2767,
0.3179

 59.0871, 0.2689,
0.3150

Harmonies

Analogous

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



15.7676, 0.3978, 0.3046



15.7676, 0.4313, 0.3507



15.7676, 0.4283, 0.3965

Triad

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



15.7676, 0.4313, 0.3507



15.7676, 0.2787, 0.4075



15.7676, 0.2321, 0.2341

Complementary

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



15.7676, 0.4313, 0.3507



24.1187, 0.2459, 0.3049

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.



15.7676, 0.2075, 0.2495



15.7676, 0.4313, 0.3507



15.7676, 0.2317, 0.3478

Square

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



15.7676, 0.4313, 0.3507



15.7676, 0.3377, 0.4391



15.7676, 0.2071, 0.2888



15.7676, 0.2787, 0.2406

Rectangle

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



15.7676, 0.4313, 0.3507



15.7676, 0.4076, 0.4219



15.7676, 0.2071, 0.2888



15.7676, 0.2213, 0.2367

Sweetspot

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



15.7684, 0.4313, 0.3507



47.9682, 0.3395, 0.3356



15.0729, 0.3357, 0.2310



10.2412, 0.3435, 0.3365



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.7684, 0.4313, 0.3507



23.8043, 0.4721, 0.3543



24.1712, 0.4001, 0.4099



6.8209, 0.3280, 0.3329



6.4950, 0.6197, 0.3461



0.1610, 0.5614, 0.3924

Inverse Universe

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



24.1187, 0.2459, 0.3049



40.4869, 0.2345, 0.2987



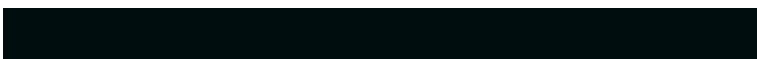
14.5561, 0.2322, 0.2305



7.3159, 0.2988, 0.3251



15.0099, 0.2096, 0.2746



0.3150, 0.2163, 0.2985

Previews

White Background



This preview shows how the Yxy color 15.7676, 0.4313, 0.3507 looks on a white background.

Color Contrast Check

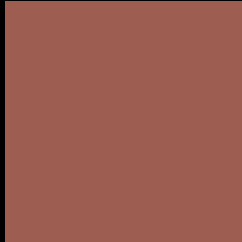
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7676, 0.4313, 0.3507 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 15.7676, 0.4313, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 15.7676, 0.4313, 0.3507.



This preview shows how white text looks on a background with the Yxy color 15.7676, 0.4313, 0.3507.

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

15.7676, 0.4313, 0.3507

Protanopia

15.9417, 0.3508, 0.3739

Deuteranopia

15.7781, 0.3879, 0.3806



Tritanopia

15.8052, 0.4069, 0.3194

Trichromacy



Original Color

15.7676, 0.4313, 0.3507

Protanomaly

15.6806, 0.3787, 0.3655

Deuteranomaly

15.7446, 0.4029, 0.3691

Tritanomaly

15.8705, 0.4160, 0.3309

Monochromacy



Original Color

15.7676, 0.4313, 0.3507

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.6124, 0.3527, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7676, 0.4313, 0.3507 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(157, 94, 81)` looks like.

```
.text, #text, p{  
    color:rgb(157, 94, 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(157, 94, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 94, 81) }
```

Border

The CSS property to change the border of an element to Yxy 15.7676, 0.4313, 0.3507 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(157, 94, 81) }
```

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

```
.border{ border-color:rgb(157, 94, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 94, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 94, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 94, 81);  
box-shadow:4px 4px 4px 4px rgb(157, 94,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7676, 0.4313, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 94, 81) }
```

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

```
.background{ background-color: rgb(157, 94,  
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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