

Converting Colors

$Y_{xy}(10.8092, 0.4627, 0.3503)$

Have a look what the booklet for
Yxy(10.8092, 0.4627, 0.3503)
contains.

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Color

Yxy(10.7647, 0.4626, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	8D493D
RGB	141, 73, 61
RGB Percent	55%, 29%, 24%
CMY	0.4470, 0.7138, 0.7607
CMYK	0.00, 0.48, 0.57, 0.45
HSL	9°, 40%, 40%
HSV	9°, 57%, 55%
XYZ	14.2116, 10.7647, 5.7449
YIQ	91.9640, 44.3800, 10.6840

Conversions

Conversions Part 2

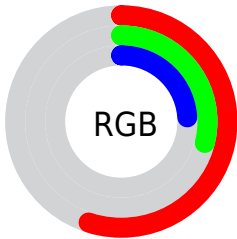
Format	Color
R _{YB}	141, 75, 61
Decimal	9259325
CIE Lab	39.18, 27.53, 20.13
CIE LCh	39, 34.104, 36.169
Yxy	10.7647, 0.4626, 0.3504
Android (android.graphics.Color)	4287449405 (0xFF8D493D)
YUV	91.9640, -15.2653, 43.0046
Hunter-Lab	32.8096, 19.9012, 12.5852

Details

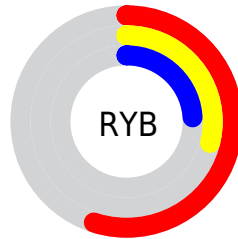
The Yxy color **10.7647, 0.4626, 0.3504** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.6252, 0.2382, 0.3041**, and the grayscale version is **10.7221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2758, 0.4226, 0.3479**, and **2.8120, 0.5416, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **9.2064, 0.5038, 0.3522**, and if you desaturate by 10%, it is **12.6678, 0.4251, 0.3473**.

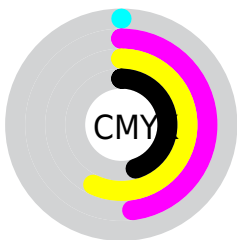
Distribution



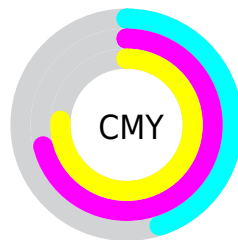
- Red (55%)
- Green (29%)
- Blue (24%)



- Red (55%)
- Yellow (29%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (57%)
- Black (45%)




- Cyan (45%)
- Magenta (71%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7647, 0.4626, 0.3504 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 10.7647, 0.4626, 0.3504 by changing the saturation by 10% instead.


 10.7647, 0.4626,
0.3504


 10.7647, 0.4626,
0.3504


 196.0461, 0.3693,
0.3415


 5.9088, 0.4946,
0.3500

 27.2242, 0.4229,
0.3484

 2.7897, 0.5421,
0.3458

 39.5967, 0.4099,
0.3472


 1.0230, 0.6519,
0.3481

 55.2435, 0.3996,
0.3460

 0.0000, 1.0000,
0.0000

 74.5490, 0.3912,
0.3449

 0.0000, 0.0000,
0.0000

 97.8976, 0.3843,
0.3439

 125.6737, 0.3785,

0.3430

158.2617, 0.3736,
0.3422

■ 10.7647, 0.4626,
0.3504

■ 10.7647, 0.4626,
0.3504

■ 9.2064, 0.5038,
0.3522

■ 12.6678, 0.4251,
0.3473

■ 7.9706, 0.5458,
0.3521

■ 14.9331, 0.3926,
0.3434

■ 7.0348, 0.5841,
0.3493

■ 17.5787, 0.3651,
0.3393

■ 6.3710, 0.6143,
0.3445

■ 20.6211, 0.3423,
0.3353

■ 6.2049, 0.6231,
0.3434

■ 24.0756, 0.3235,
0.3314

■ 27.9570, 0.3080,
0.3279

■ 32.2791, 0.2952,
0.3246

■ 37.0552, 0.2845,
0.3216

■ 42.2982, 0.2757,
0.3189

Harmonies

Analogous

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



10.7647, 0.4187, 0.2954



10.7647, 0.4626, 0.3504



10.7647, 0.4582, 0.4072

Triad

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



10.7647, 0.4626, 0.3504



10.7647, 0.2705, 0.4340



10.7647, 0.2112, 0.2122

Complementary

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



10.7647, 0.4626, 0.3504



18.6252, 0.2382, 0.3041

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.



10.7647, 0.1829, 0.2302



10.7647, 0.4626, 0.3504



10.7647, 0.2126, 0.3548

Square

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



10.7647, 0.4626, 0.3504



10.7647, 0.3439, 0.4718



10.7647, 0.1829, 0.2783



10.7647, 0.2667, 0.2199

Rectangle

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



10.7647, 0.4626, 0.3504



10.7647, 0.4315, 0.4412



10.7647, 0.1829, 0.2783



10.7647, 0.1987, 0.2151

Sweetspot

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



10.7653, 0.4626, 0.3504



36.5559, 0.3436, 0.3355



10.6237, 0.3359, 0.2136



7.9470, 0.3473, 0.3362



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



10.7653, 0.4626, 0.3504



15.8253, 0.5153, 0.3524



17.5191, 0.4190, 0.4173



5.5464, 0.3278, 0.3324



5.6722, 0.6226, 0.3439



0.0742, 0.5663, 0.3886

Inverse Universe

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



18.6252, 0.2382, 0.3041



31.2407, 0.2271, 0.2976



10.2867, 0.2201, 0.2173



5.9806, 0.2990, 0.3256



13.9940, 0.2117, 0.2820



0.1580, 0.2186, 0.3069

Previews

White Background



This preview shows how the Yxy color 10.7647, 0.4626, 0.3504 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 10.7647, 0.4626, 0.3504 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 10.7647, 0.4626, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 10.7647, 0.4626, 0.3504.

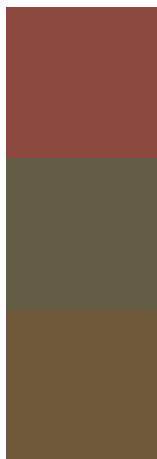


This preview shows how white text looks on a background with the Yxy color 10.7647, 0.4626, 0.3504.

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

10.7647, 0.4626, 0.3504

Protanopia

10.9677, 0.3605, 0.3859

Deuteranopia

10.8950, 0.4016, 0.3971



Tritanopia

10.7791, 0.4374, 0.3205

Trichromacy



Original Color

10.7647, 0.4626, 0.3504

Protanomaly

10.6938, 0.3967, 0.3727

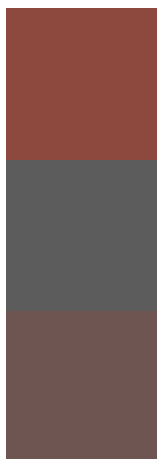
Deuteranomaly

10.7132, 0.4253, 0.3781

Tritanomaly

10.8404, 0.4463, 0.3312

Monochromacy



Original Color

10.7647, 0.4626, 0.3504

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4061, 0.3628, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7647, 0.4626, 0.3504 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(141, 73, 61)` looks like.

```
.text, #text, p{  
    color:rgb(141, 73, 61)  
}
```

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(141, 73, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 73, 61) }
```

Border

The CSS property to change the border of an element to Yxy 10.7647, 0.4626, 0.3504 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(141, 73, 61) }
```

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

```
.border{ border-color:rgb(141, 73, 61) }
```

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

Here you see how a box with a 4 pixel rgb(141, 73, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 73, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 73, 61);  
box-shadow:4px 4px 4px 4px rgb(141, 73,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7647, 0.4626, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 73, 61) }
```

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

```
.background{ background-color: rgb(141, 73,  
61) }
```

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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