

Converting Colors

$Y_{xy}(11.2730, 0.4715, 0.3444)$

Have a look what the booklet for
Yxy(11.2730, 0.4715, 0.3444)
contains.

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Color

Yxy(11.2895, 0.4706, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	94483F
RGB	148, 72, 63
RGB Percent	58%, 28%, 25%
CMY	0.4195, 0.7177, 0.7529
CMYK	0.00, 0.51, 0.57, 0.42
HSL	6°, 40%, 41%
HSV	6°, 57%, 58%
XYZ	15.4308, 11.2895, 6.0694
YIQ	93.6980, 48.1850, 13.3130

Conversions

Conversions Part 2

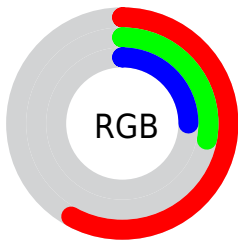
Format	Color
R_{YB}	148, 73, 63
Decimal	9717823
CIE Lab	40.06, 31.11, 20.26
CIE LCh	40, 37.126, 33.077
Yxy	11.2895, 0.4706, 0.3443
Android (android.graphics.Color)	4287907903 (0xFF94483F)
YUV	93.6980, -15.1341, 47.6229
Hunter-Lab	33.5999, 23.1770, 12.8099

Details

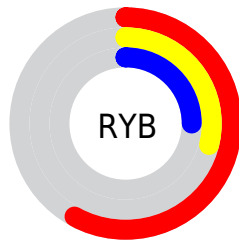
The Yxy color **11.2895, 0.4706, 0.3443** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.6745, 0.2389, 0.3112**, and the grayscale version is **11.1460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0459, 0.4287, 0.3435**, and **3.0309, 0.5529, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **9.6153, 0.5138, 0.3454**, and if you desaturate by 10%, it is **13.3781, 0.4310, 0.3422**.

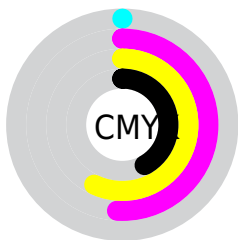
Distribution



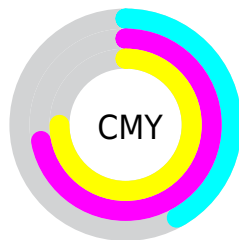
- Red (58%)
- Green (28%)
- Blue (25%)



- Red (58%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (42%)





- Cyan (42%)
- Magenta (72%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2895, 0.4706, 0.3443 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 11.2895, 0.4706, 0.3443 by changing the saturation by 10% instead.


 11.2895, 0.4706,
0.3443


 11.2895, 0.4706,
0.3443


199.6431, 0.3730,
0.3396

 6.2619, 0.5036,
0.3424


 28.1943, 0.4293,
0.3442


 3.0050, 0.5520,
0.3360

 40.8402, 0.4157,
0.3435


 1.1343, 0.6643,
0.3357

 56.7945, 0.4049,
0.3428

 0.0071, 0.9909,
0.0091

 76.4413, 0.3961,
0.3421

 0.0000, 0.0000,
0.0000

 100.1652, 0.3888,
0.3414

 128.3505, 0.3827,

0.3407

161.3817, 0.3775,
0.3401

■ 11.2895, 0.4706,
0.3443

■ 11.2895, 0.4706,
0.3443

■ 9.6153, 0.5138,
0.3454

■ 13.3781, 0.4310,
0.3422

■ 8.3260, 0.5572,
0.3448

■ 15.9042, 0.3968,
0.3395

■ 7.3914, 0.5953,
0.3423

■ 18.8915, 0.3680,
0.3366

■ 6.7733, 0.6235,
0.3386

■ 22.3615, 0.3443,
0.3337

■ 6.6580, 0.6297,
0.3382

■ 26.3341, 0.3248,
0.3309

■ 30.8284, 0.3089,
0.3284

■ 35.8623, 0.2959,
0.3260

■ 41.4528, 0.2852,
0.3239

■ 47.6164, 0.2764,
0.3220

Harmonies

Analogous

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



11.2895, 0.4189, 0.2872



11.2895, 0.4706, 0.3443



11.2895, 0.4704, 0.4044

Triad

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



11.2895, 0.4706, 0.3443



11.2895, 0.2746, 0.4495



11.2895, 0.2005, 0.2059

Complementary

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



11.2895, 0.4706, 0.3443



21.6745, 0.2389, 0.3112

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.



11.2895, 0.1740, 0.2273



11.2895, 0.4706, 0.3443



11.2895, 0.2109, 0.3657

Square

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



11.2895, 0.4706, 0.3443



11.2895, 0.3530, 0.4830



11.2895, 0.1768, 0.2812



11.2895, 0.2561, 0.2116

Rectangle

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



11.2895, 0.4706, 0.3443



11.2895, 0.4439, 0.4421



11.2895, 0.1768, 0.2812



11.2895, 0.1885, 0.2097

Sweetspot

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



11.2901, 0.4706, 0.3443



39.5039, 0.3440, 0.3337



11.7334, 0.3318, 0.2083



8.7532, 0.3479, 0.3342



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.2901, 0.4706, 0.3443



16.2222, 0.5268, 0.3454



18.6958, 0.4239, 0.4142



5.9082, 0.3280, 0.3314



5.7066, 0.6290, 0.3388



0.0892, 0.5845, 0.3741

Inverse Universe

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



21.6745, 0.2389, 0.3112



36.2795, 0.2285, 0.3066



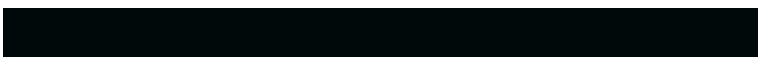
11.7479, 0.2198, 0.2212



6.4587, 0.2990, 0.3266



16.0313, 0.2156, 0.2963



0.2204, 0.2205, 0.3137

Previews

White Background



This preview shows how the Yxy color 11.2895, 0.4706, 0.3443 looks on a white background.

Color Contrast Check

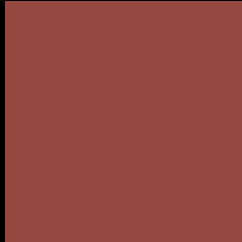
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2895, 0.4706, 0.3443 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 11.2895, 0.4706, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 11.2895, 0.4706, 0.3443.



This preview shows how white text looks on a background with the Yxy color 11.2895, 0.4706, 0.3443.

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

11.2895, 0.4706, 0.3443

Protanopia

11.4902, 0.3566, 0.3802

Deuteranopia

11.4533, 0.4016, 0.3956



Tritanopia

11.2779, 0.4513, 0.3210

Trichromacy



Original Color

11.2895, 0.4706, 0.3443

Protanomaly

11.1680, 0.3976, 0.3673

Deuteranomaly

11.1896, 0.4275, 0.3748

Tritanomaly

11.3510, 0.4581, 0.3294

Monochromacy



Original Color

11.2895, 0.4706, 0.3443

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8575, 0.3657, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2895, 0.4706, 0.3443 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(148, 72, 63)` looks like.

```
.text, #text, p{  
    color:rgb(148, 72, 63)  
}
```

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(148, 72, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 72, 63) }
```

Border

The CSS property to change the border of an element to Yxy 11.2895, 0.4706, 0.3443 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(148, 72, 63) }
```

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

```
.border{ border-color:rgb(148, 72, 63) }
```

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

Here you see how a box with a 4 pixel rgb(148, 72, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 72, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 72, 63);  
box-shadow:4px 4px 4px 4px rgb(148, 72,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2895, 0.4706, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 72, 63) }
```

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

```
.background{ background-color: rgb(148, 72,  
63) }
```

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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