

Converting Colors

$Y_{xy}(11.3810, 0.4395, 0.3538)$

Have a look what the booklet for
Yxy(11.3810, 0.4395, 0.3538)
contains.

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Color

Yxy(11.4490, 0.4395, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	895042
RGB	137, 80, 66
RGB Percent	54%, 31%, 26%
CMY	0.4628, 0.6862, 0.7412
CMYK	0.00, 0.42, 0.52, 0.46
HSL	12°, 35%, 40%
HSV	12°, 52%, 54%
XYZ	14.1662, 11.4490, 6.6173
YIQ	95.4470, 38.4660, 7.7300

Conversions

Conversions Part 2

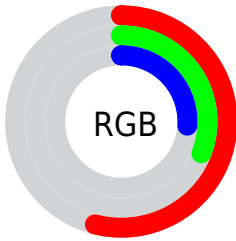
Format	Color
R_{YB}	137, 83, 66
Decimal	8998978
CIE _{Lab}	40.33, 22.31, 18.48
CIE _{LCh}	40, 28.972, 39.636
Yxy	11.4490, 0.4395, 0.3552
Android (android.graphics.Color)	4287189058 (0xFF895042)
YUV	95.4470, -14.5174, 36.4420
Hunter-Lab	33.8364, 15.5186, 12.0902

Details

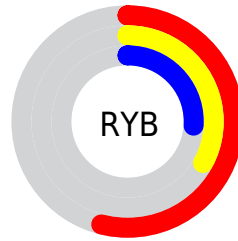
The Yxy color **11.4490, 0.4395, 0.3552** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1213, 0.2420, 0.2993**, and the grayscale version is **11.5859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5176, 0.4065, 0.3511**, and **3.0907, 0.5067, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **9.8263, 0.4772, 0.3588**, and if you desaturate by 10%, it is **13.3751, 0.4059, 0.3505**.

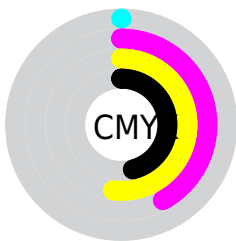
Distribution



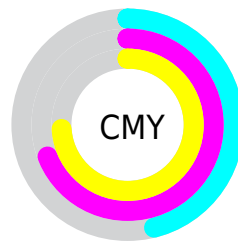
- Red (54%)
- Green (31%)
- Blue (26%)



- Red (54%)
- Yellow (33%)
- Blue (26%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (46%)





- Cyan (46%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4490, 0.4395, 0.3552 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 11.4490, 0.4395, 0.3552 by changing the saturation by 10% instead.

 11.4490, 0.4395,
0.3552


 11.4490, 0.4395,
0.3552


200.7226, 0.3611,
0.3423


 6.3697, 0.4664,
0.3571


 28.4875, 0.4062,
0.3510


 3.0712, 0.5064,
0.3573

 41.2155, 0.3953,
0.3492

 1.1690, 0.6196,
0.3804

 57.2618, 0.3866,
0.3477

 0.0362, 0.9412,
0.0588

 77.0109, 0.3796,
0.3463

 0.0000, 0.0000,
0.0000

 100.8471, 0.3738,
0.3451

 129.1549, 0.3689,

0.3440

162.3186, 0.3647,
0.3431

■ 11.4490, 0.4395,
0.3552

■ 11.4490, 0.4395,
0.3552

■ 9.8263, 0.4772,
0.3588

■ 13.3751, 0.4059,
0.3505

■ 8.4895, 0.5173,
0.3604

■ 15.6172, 0.3771,
0.3452

■ 7.4223, 0.5567,
0.3591

■ 18.1894, 0.3527,
0.3399

■ 6.6056, 0.5908,
0.3546

■ 21.1045, 0.3324,
0.3347

■ 6.1027, 0.6145,
0.3503

■ 24.3746, 0.3155,
0.3298

■ 28.0110, 0.3014,
0.3254

■ 32.0247, 0.2897,
0.3212

■ 36.4262, 0.2798,
0.3175

■ 41.2256, 0.2715,
0.3141

Harmonies

Analogous

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



11.4490, 0.4070, 0.3067



11.4490, 0.4395, 0.3552



11.4490, 0.4329, 0.4031

Triad

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



11.4490, 0.4395, 0.3552



11.4490, 0.2718, 0.4082



11.4490, 0.2309, 0.2289

Complementary

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



11.4490, 0.4395, 0.3552



17.1213, 0.2420, 0.2993

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.



11.4490, 0.2032, 0.2428



11.4490, 0.4395, 0.3552



11.4490, 0.2241, 0.3433

Square

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



11.4490, 0.4395, 0.3552



11.4490, 0.3335, 0.4450



11.4490, 0.2006, 0.2818



11.4490, 0.2814, 0.2376

Rectangle

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



11.4490, 0.4395, 0.3552



11.4490, 0.4091, 0.4294



11.4490, 0.2006, 0.2818



11.4490, 0.2189, 0.2309

Sweetspot

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



11.4496, 0.4395, 0.3552



35.3602, 0.3411, 0.3370



10.6676, 0.3394, 0.2277



7.7275, 0.3447, 0.3379



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.4496, 0.4395, 0.3552



17.1982, 0.4833, 0.3592



17.8586, 0.4048, 0.4161



5.1982, 0.3276, 0.3334



5.7009, 0.6140, 0.3506



0.0548, 0.5491, 0.4022

Inverse Universe

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



17.1213, 0.2420, 0.2993



28.4525, 0.2301, 0.2915



10.0219, 0.2268, 0.2209



5.5237, 0.2991, 0.3246



12.0769, 0.2073, 0.2662



0.1000, 0.2164, 0.2992

Previews

White Background



This preview shows how the Yxy color 11.4490, 0.4395, 0.3552 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 11.4490, 0.4395, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

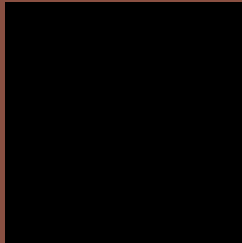
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4490, 0.4395, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 11.4490, 0.4395, 0.3552.



This preview shows how white text looks on a background with the Yxy color 11.4490, 0.4395, 0.3552.

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

11.4490, 0.4395, 0.3552

Protanopia

11.4902, 0.3566, 0.3802

Deuteranopia

11.4297, 0.3937, 0.3877



Tritanopia

11.4766, 0.4117, 0.3200

Trichromacy



Original Color

11.4490, 0.4395, 0.3552

Protanomaly

11.3994, 0.3866, 0.3725

Deuteranomaly

11.3356, 0.4094, 0.3746

Tritanomaly

11.5311, 0.4222, 0.3330

Monochromacy



Original Color

11.4490, 0.4395, 0.3552

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2674, 0.3552, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4490, 0.4395, 0.3552 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(137, 80, 66)` looks like.

```
.text, #text, p{  
  color:rgb(137, 80, 66)  
}
```

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(137, 80, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 80, 66) }
```

Border

The CSS property to change the border of an element to Yxy 11.4490, 0.4395, 0.3552 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(137, 80, 66) }
```

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

```
.border{ border-color:rgb(137, 80, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 80, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 80, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 80, 66);  
box-shadow:4px 4px 4px 4px rgb(137, 80,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4490, 0.4395, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 80, 66) }
```

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

```
.background{ background-color: rgb(137, 80,  
66) }
```

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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