

Converting Colors

$Y_{xy}(11.1903, 0.4324, 0.3485)$

Have a look what the booklet for
Yxy(11.1903, 0.4324, 0.3485)
contains.

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Color

Yxy(11.1725, 0.4320, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	874F45
RGB	135, 79, 69
RGB Percent	53%, 31%, 27%
CMY	0.4706, 0.6902, 0.7295
CMYK	0.00, 0.41, 0.49, 0.47
HSL	9°, 32%, 40%
HSV	9°, 49%, 53%
XYZ	13.8613, 11.1725, 7.0526
YIQ	94.6040, 36.5860, 8.7620

Conversions

Conversions Part 2

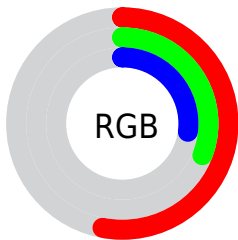
Format	Color
R_{YB}	135, 81, 69
Decimal	8867653
CIE _{Lab}	39.87, 22.37, 16.01
CIE _{LCh}	40, 27.504, 35.588
Yxy	11.1725, 0.4320, 0.3482
Android (android.graphics.Color)	4287057733 (0xFF874F45)
YUV	94.6040, -12.6228, 35.4273
Hunter-Lab	33.4253, 15.5290, 10.8878

Details

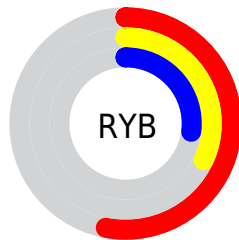
The Yxy color **11.1725, 0.4320, 0.3482** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6744, 0.2465, 0.3078**, and the grayscale version is **11.3683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0612, 0.4011, 0.3458**, and **2.9561, 0.4958, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **9.5120, 0.4701, 0.3512**, and if you desaturate by 10%, it is **13.1568, 0.3986, 0.3444**.

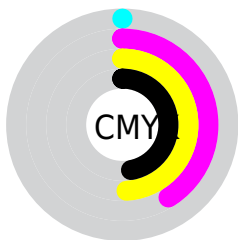
Distribution



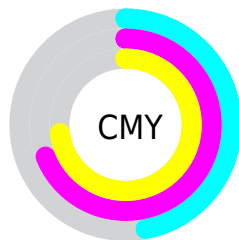
- Red (53%)
- Green (31%)
- Blue (27%)



- Red (53%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (47%)





- Cyan (47%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1725, 0.4320, 0.3482 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 11.1725, 0.4320, 0.3482 by changing the saturation by 10% instead.

 11.1725, 0.4320,
0.3482


 11.1725, 0.4320,
0.3482


198.8472, 0.3579,
0.3390


 6.1830, 0.4578,
0.3492


 27.9787, 0.4004,
0.3454


 2.9567, 0.4969,
0.3486


 40.5642, 0.3900,
0.3441


 1.1091, 0.6073,
0.3692

 56.4504, 0.3819,
0.3430

 0.0000, 1.0000,
0.0000

 76.0219, 0.3752,
0.3420

 0.0000, 0.0000,
0.0000

 99.6629, 0.3698,
0.3411

127.7578, 0.3652,

0.3403

160.6911, 0.3613,
0.3397

■ 11.1725, 0.4320,
0.3482

■ 11.1725, 0.4320,
0.3482

■ 9.5120, 0.4701,
0.3512

■ 13.1568, 0.3986,
0.3444

■ 8.1565, 0.5115,
0.3527

■ 15.4791, 0.3703,
0.3403

■ 7.0877, 0.5530,
0.3521

■ 18.1550, 0.3467,
0.3362

■ 6.2845, 0.5899,
0.3488

■ 21.1983, 0.3272,
0.3323

■ 5.7187, 0.6192,
0.3444

■ 24.6223, 0.3111,
0.3286

■ 5.6691, 0.6222,
0.3441

■ 28.4394, 0.2978,
0.3252

■ 32.6618, 0.2867,
0.3222

■ 37.3009, 0.2775,
0.3194

■ 42.3676, 0.2698,
0.3169

Harmonies

Analogous

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



11.1725, 0.3962, 0.3018



11.1725, 0.4320, 0.3482



11.1725, 0.4310, 0.3948

Triad

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



11.1725, 0.4320, 0.3482



11.1725, 0.2813, 0.4114



11.1725, 0.2291, 0.2332

Complementary

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



11.1725, 0.4320, 0.3482



17.6744, 0.2465, 0.3078

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.



11.1725, 0.2055, 0.2500



11.1725, 0.4320, 0.3482



11.1725, 0.2327, 0.3516

Square

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



11.1725, 0.4320, 0.3482



11.1725, 0.3412, 0.4413



11.1725, 0.2065, 0.2910



11.1725, 0.2752, 0.2387

Rectangle

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



11.1725, 0.4320, 0.3482



11.1725, 0.4110, 0.4212



11.1725, 0.2065, 0.2910



11.1725, 0.2186, 0.2362

Sweetspot

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



11.1731, 0.4320, 0.3482



34.3801, 0.3393, 0.3348



10.8877, 0.3338, 0.2296



7.7371, 0.3431, 0.3355



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.



11.1731, 0.4320, 0.3482



16.6578, 0.4758, 0.3515



17.1451, 0.4007, 0.4078



4.7946, 0.3276, 0.3324



5.2413, 0.6218, 0.3445



0.0249, 0.5655, 0.3892

Inverse Universe

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



17.6744, 0.2465, 0.3078



29.7214, 0.2349, 0.3020



10.6830, 0.2329, 0.2334



5.1616, 0.2992, 0.3256



12.8297, 0.2115, 0.2815



0.0525, 0.2185, 0.3066

Previews

White Background



This preview shows how the Yxy color 11.1725, 0.4320, 0.3482 looks on a white background.

Color Contrast Check

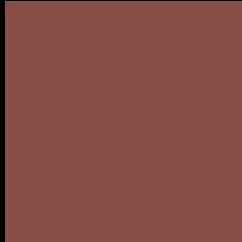
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1725, 0.4320, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

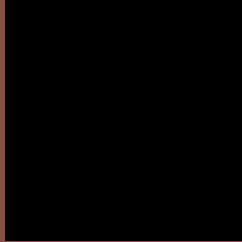
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1725, 0.4320, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 11.1725, 0.4320, 0.3482.



This preview shows how white text looks on a background with the Yxy color 11.1725, 0.4320, 0.3482.

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

11.1725, 0.4320, 0.3482

Protanopia

11.2365, 0.3492, 0.3715

Deuteranopia

11.1623, 0.3864, 0.3799



Tritanopia

11.1665, 0.4092, 0.3180

Trichromacy



Original Color

11.1725, 0.4320, 0.3482

Protanomaly

11.1365, 0.3790, 0.3644

Deuteranomaly

11.0660, 0.4019, 0.3670

Tritanomaly

11.2331, 0.4178, 0.3293

Monochromacy



Original Color

11.1725, 0.4320, 0.3482

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1316, 0.3524, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1725, 0.4320, 0.3482 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(135, 79, 69)` looks like.

```
.text, #text, p{  
    color:rgb(135, 79, 69)  
}
```

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(135, 79, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 79, 69) }
```

Border

The CSS property to change the border of an element to Yxy 11.1725, 0.4320, 0.3482 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(135, 79, 69) }
```

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

```
.border{ border-color:rgb(135, 79, 69) }
```

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

Here you see how a box with a 4 pixel rgb(135, 79, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 79, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 79, 69);  
box-shadow:4px 4px 4px 4px rgb(135, 79,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1725, 0.4320, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 79, 69) }
```

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

```
.background{ background-color: rgb(135, 79,  
69) }
```

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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