

Converting Colors

$Y_{xy}(13.9225, 0.4272, 0.4375)$

Have a look what the booklet for
Yxy(13.9225, 0.4272, 0.4375)
contains.

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Color

Yxy(13.8492, 0.4272, 0.4361)

Conversions

Conversions Part 1

Format	Color
Hex	7D652C
RGB	125, 101, 44
RGB Percent	49%, 40%, 17%
CMY	0.5098, 0.6039, 0.8274
CMYK	0.00, 0.19, 0.65, 0.51
HSL	42°, 48%, 33%
HSV	42°, 65%, 49%
XYZ	13.5666, 13.8492, 4.3412
YIQ	101.6780, 32.6010, -12.6390

Conversions

Conversions Part 2

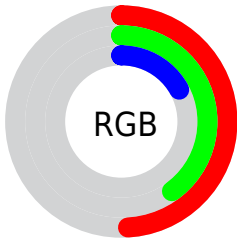
Format	Color
RYB	78, 125, 44
Decimal	8217900
CIELab	44.02, 2.62, 35.15
CIELCh	44, 35.248, 85.745
Yxy	13.8492, 0.4272, 0.4361
Android (android.graphics.Color)	4286407980 (0xFF7D652C)
YUV	101.6780, -28.4353, 20.4534
Hunter-Lab	37.2145, -0.0532, 19.1338

Details

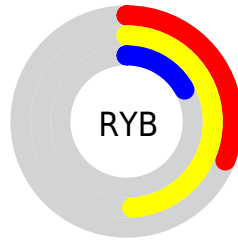
The Yxy color **13.8492, 0.4272, 0.4361** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.1518, 0.2051, 0.1853**, and the grayscale version is **13.2684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9325, 0.4012, 0.4131**, and **4.1488, 0.4650, 0.4690** is the 20% darker color. If you saturate the color by 10%, you get **13.0663, 0.4450, 0.4467**, and if you desaturate by 10%, it is **14.6942, 0.4083, 0.4223**.

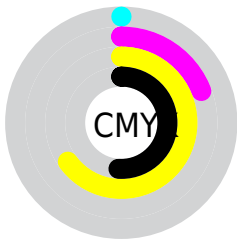
Distribution



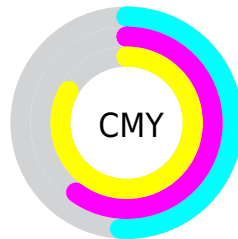
- Red (49%)
- Green (40%)
- Blue (17%)



- Red (31%)
- Yellow (49%)
- Blue (17%)



- Cyan (0%)
- Magenta (19%)
- Yellow (65%)
- Black (51%)





- Cyan (51%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.8492, 0.4272, 0.4361 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 13.8492, 0.4272, 0.4361 by changing the saturation by 10% instead.


 13.8492, 0.4272,
0.4361

 13.8492, 0.4272,
0.4361


216.2907, 0.3611,
0.3753


 8.0159, 0.4456,
0.4521


 32.8212, 0.4013,
0.4127

 4.1051, 0.4733,
0.4760

 46.7287, 0.3920,
0.4042


 1.7325, 0.5023,
0.4977

 64.0963, 0.3845,
0.3972

 0.4446, 0.5225,
0.4775

 85.3085, 0.3782,
0.3914

 0.0000, 0.0000,
0.0000

 110.7496, 0.3729,
0.3864

 140.8041, 0.3684,

0.3822

175.8563, 0.3645,
0.3785

■ 13.8492, 0.4272,
0.4361

■ 13.8492, 0.4272,
0.4361

■ 13.0663, 0.4450,
0.4467

■ 14.6942, 0.4083,
0.4223

■ 12.3404, 0.4608,
0.4534

■ 15.6021, 0.3891,
0.4063

■ 11.6680, 0.4741,
0.4556

■ 16.5759, 0.3702,
0.3891

■ 11.3334, 0.4809,
0.4563

■ 17.6180, 0.3522,
0.3714

■ 18.7305, 0.3353,
0.3539

■ 19.9154, 0.3197,
0.3369

■ 21.1746, 0.3055,
0.3207

■ 22.5100, 0.2927,
0.3056

■ 23.9233, 0.2811,
0.2915

Harmonies

Analogous

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



13.8492, 0.4580, 0.3861



13.8492, 0.4272, 0.4361



13.8492, 0.3674, 0.4642

Triad

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



13.8492, 0.4272, 0.4361



13.8492, 0.1951, 0.3041



13.8492, 0.3153, 0.2408

Complementary

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



13.8492, 0.4272, 0.4361



6.1518, 0.2051, 0.1853

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.



13.8492, 0.2477, 0.2193



13.8492, 0.4272, 0.4361



13.8492, 0.1852, 0.2475

Square

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



13.8492, 0.4272, 0.4361



13.8492, 0.2339, 0.3814



13.8492, 0.2031, 0.2203



13.8492, 0.3906, 0.2804

Rectangle

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



13.8492, 0.4272, 0.4361



13.8492, 0.3203, 0.4586



13.8492, 0.2031, 0.2203



13.8492, 0.2908, 0.2314

Sweetspot

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



13.8499, 0.4272, 0.4361



32.5935, 0.3430, 0.3620



6.5832, 0.4481, 0.2833



7.3071, 0.3470, 0.3662



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



13.8499, 0.4272, 0.4361



22.7221, 0.4533, 0.4507



18.0898, 0.3773, 0.4850



4.8109, 0.3263, 0.3441



11.8147, 0.4811, 0.4562



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.1518, 0.2051, 0.1853



7.8731, 0.1831, 0.1474



4.2495, 0.2116, 0.1388



4.4034, 0.2993, 0.3134



2.9179, 0.1623, 0.1041



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.8492, 0.4272, 0.4361 looks on a white background.

Color Contrast Check

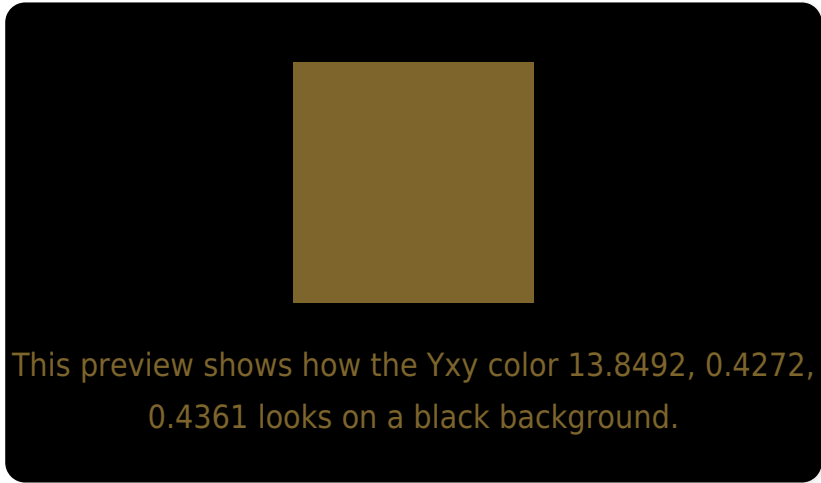
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

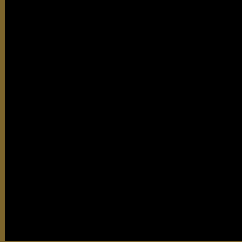
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.8492, 0.4272, 0.4361

Background



This preview shows how black text looks on a background with the Yxy color 13.8492, 0.4272, 0.4361.



This preview shows how white text looks on a background with the Yxy color 13.8492, 0.4272, 0.4361.

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

13.8492, 0.4272, 0.4361

Protanopia

13.8031, 0.4085, 0.4465

Deuteranopia

13.7803, 0.4348, 0.4283



Tritanopia

13.8896, 0.3567, 0.3156

Trichromacy



Original Color

13.8492, 0.4272, 0.4361

Protanomaly

13.8119, 0.4143, 0.4425

Deuteranomaly

13.8930, 0.4320, 0.4307

Tritanomaly

13.7327, 0.3853, 0.3608

Monochromacy



Original Color

13.8492, 0.4272, 0.4361

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.4118, 0.3540, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.8492, 0.4272, 0.4361 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(125, 101, 44)` looks like.

```
.text, #text, p{  
    color:rgb(125, 101, 44)  
}
```

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(125, 101, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 101, 44) }
```

Border

The CSS property to change the border of an element to Yxy 13.8492, 0.4272, 0.4361 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(125, 101, 44) }
```

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

```
.border{ border-color:rgb(125, 101, 44) }
```

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

Here you see how a box with a 4 pixel rgb(125, 101, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 101, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 101, 44);  
box-shadow:4px 4px 4px 4px rgb(125, 101,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 13.8492, 0.4272, 0.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 101, 44) }
```

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

```
.background{ background-color: rgb(125,  
101, 44) }
```

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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