

Converting Colors

$Y_{xy}(14.1483, 0.3688, 0.3451)$

Have a look what the booklet for
Yxy(14.1483, 0.3688, 0.3451)
contains.

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Color

Yxy(14.1910, 0.3672, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	7F635B
RGB	127, 99, 91
RGB Percent	50%, 39%, 36%
CMY	0.5019, 0.6118, 0.6432
CMYK	0.00, 0.22, 0.28, 0.50
HSL	13°, 17%, 43%
HSV	13°, 28%, 50%
XYZ	15.1042, 14.1910, 11.8382
YIQ	106.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

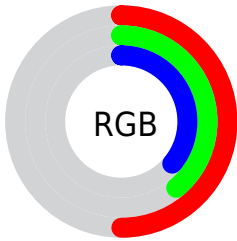
Format	Color
R_{YB}	127, 101, 91
Decimal	8348507
CIE _{Lab}	44.51, 10.03, 8.86
CIE _{LCh}	45, 13.382, 41.481
Yxy	14.1910, 0.3672, 0.3450
Android (android.graphics.Color)	4286538587 (0xFF7F635B)
YUV	106.4600, -7.6218, 18.0136
Hunter-Lab	37.6709, 5.6454, 7.7377

Details

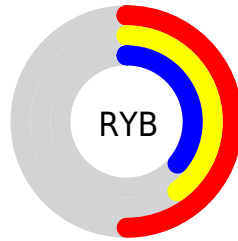
The Yxy color **14.1910, 0.3672, 0.3450** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9528, 0.2716, 0.3123**, and the grayscale version is **14.5639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4391, 0.3531, 0.3419**, and **4.2232, 0.3958, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **12.2320, 0.3937, 0.3509**, and if you desaturate by 10%, it is **16.4175, 0.3448, 0.3391**.

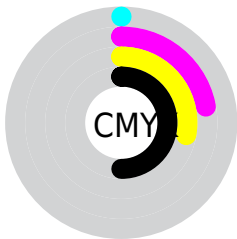
Distribution



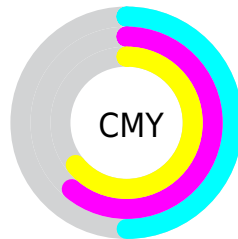
- Red (50%)
- Green (39%)
- Blue (36%)



- Red (50%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (28%)
- Black (50%)





- Cyan (50%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1910, 0.3672, 0.3450 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 14.1910, 0.3672, 0.3450 by changing the saturation by 10% instead.


 14.1910, 0.3672,
0.3450


 14.1910, 0.3672,
0.3450


218.4158, 0.3344,
0.3360


 8.2536, 0.3782,
0.3476


 33.4275, 0.3535,
0.3415


 4.2577, 0.3945,
0.3511

 47.4955, 0.3489,
0.3402

 1.8187, 0.4215,
0.3558

 65.0425, 0.3453,
0.3392

 0.4988, 0.5904,
0.4096

 86.4528, 0.3423,
0.3383

 0.0000, 0.0000,
0.0000

112.1109, 0.3398,
0.3376

142.4012, 0.3377,

0.3370

177.7080, 0.3359,
0.3365

■ 14.1910, 0.3672,
0.3450

■ 14.1910, 0.3672,
0.3450

■ 12.2320, 0.3937,
0.3509

■ 16.4175, 0.3448,
0.3391

■ 10.5284, 0.4246,
0.3565

■ 18.9189, 0.3260,
0.3334

■ 9.0700, 0.4598,
0.3612

■ 21.7052, 0.3103,
0.3282

■ 7.8454, 0.4980,
0.3641

■ 24.7848, 0.2972,
0.3233

■ 6.8421, 0.5369,
0.3643

■ 28.1662, 0.2862,
0.3188

■ 6.0462, 0.5728,
0.3612

■ 31.8571, 0.2769,
0.3148

■ 5.4386, 0.6035,
0.3557

■ 35.8654, 0.2690,
0.3111

■ 5.3548, 0.6085,
0.3551

■ 40.1984, 0.2623,
0.3077

■ 44.8631, 0.2565,
0.3047

Harmonies

Analogous

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



14.1910, 0.3542, 0.3217



14.1910, 0.3672, 0.3450



14.1910, 0.3647, 0.3656

Triad

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



14.1910, 0.3672, 0.3450



14.1910, 0.2944, 0.3598



14.1910, 0.2773, 0.2830

Complementary

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



14.1910, 0.3672, 0.3450



16.9528, 0.2716, 0.3123

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.



14.1910, 0.2629, 0.2906



14.1910, 0.3672, 0.3450



14.1910, 0.2724, 0.3346

Square

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



14.1910, 0.3672, 0.3450



14.1910, 0.3220, 0.3758



14.1910, 0.2612, 0.3091



14.1910, 0.3015, 0.2870

Rectangle

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



14.1910, 0.3672, 0.3450



14.1910, 0.3548, 0.3748



14.1910, 0.2612, 0.3091



14.1910, 0.2713, 0.2843

Sweetspot

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



14.1917, 0.3672, 0.3450



33.4689, 0.3275, 0.3339



13.3309, 0.3270, 0.2753



7.6991, 0.3297, 0.3346



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



14.1917, 0.3672, 0.3450



23.0919, 0.3838, 0.3488



17.9470, 0.3583, 0.3787



4.4874, 0.3273, 0.3339



5.3970, 0.6085, 0.3550



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9528, 0.2716, 0.3123



28.8768, 0.2629, 0.3080



13.1023, 0.2678, 0.2738



4.7299, 0.2993, 0.3241



10.5003, 0.2050, 0.2581



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.1910, 0.3672, 0.3450 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 14.1910, 0.3672, 0.3450 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 14.1910, 0.3672, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 14.1910, 0.3672, 0.3450.



This preview shows how white text looks on a background with the Yxy color 14.1910, 0.3672, 0.3450.

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

14.1910, 0.3672, 0.3450

Protanopia

14.2263, 0.3346, 0.3525

Deuteranopia

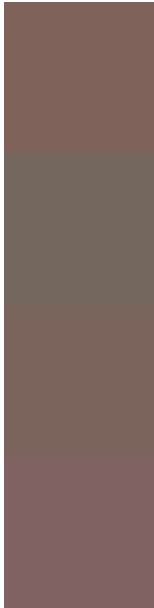
14.1276, 0.3569, 0.3495



Tritanopia

14.1381, 0.3498, 0.3155

Trichromacy



Original Color

14.1910, 0.3672, 0.3450

Protanomaly

14.2038, 0.3456, 0.3499

Deuteranomaly

14.0806, 0.3605, 0.3473

Tritanomaly

14.2254, 0.3570, 0.3272

Monochromacy



Original Color

14.1910, 0.3672, 0.3450

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.2175, 0.3314, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1910, 0.3672, 0.3450 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(127, 99, 91)` looks like.

```
.text, #text, p{  
    color:rgb(127, 99, 91)  
}
```

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(127, 99, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 99, 91) }
```

Border

The CSS property to change the border of an element to Yxy 14.1910, 0.3672, 0.3450 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(127, 99, 91) }
```

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

```
.border{ border-color:rgb(127, 99, 91) }
```

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

Here you see how a box with a 4 pixel rgb(127, 99, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 99, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 99, 91);  
box-shadow:4px 4px 4px 4px rgb(127, 99,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1910, 0.3672, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 99, 91) }
```

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

```
.background{ background-color: rgb(127, 99,  
91) }
```

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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