

Converting Colors

$Y_{xy}(14.4840, 0.3537, 0.3445)$

Have a look what the booklet for
Yxy(14.4840, 0.3537, 0.3445)
contains.

Yxy(14.4485, 0.3536, 0.3453)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.4485, 0.3536, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	7A665E
RGB	122, 102, 94
RGB Percent	48%, 40%, 37%
CMY	0.5216, 0.6000, 0.6314
CMYK	0.00, 0.16, 0.23, 0.52
HSL	17°, 13%, 42%
HSV	17°, 23%, 48%
XYZ	14.7958, 14.4485, 12.5990
YIQ	107.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

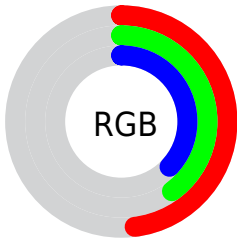
Format	Color
R_{YB}	122, 105, 94
Decimal	8021598
CIE _{Lab}	44.87, 6.60, 7.49
CIE _{LCh}	45, 9.983, 48.600
Yxy	14.4485, 0.3536, 0.3453
Android (android.graphics.Color)	4286211678 (0xFF7A665E)
YUV	107.0680, -6.4425, 13.0954
Hunter-Lab	38.0112, 2.9613, 6.9558

Details

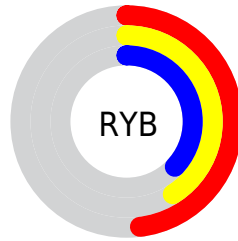
The Yxy color **14.4485, 0.3536, 0.3453** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8129, 0.2791, 0.3121**, and the grayscale version is **14.7379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9100, 0.3440, 0.3420**, and **4.3622, 0.3747, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **12.6245, 0.3768, 0.3529**, and if you desaturate by 10%, it is **16.4882, 0.3338, 0.3379**.

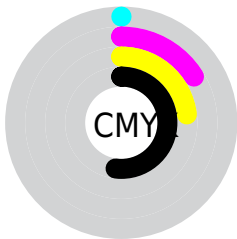
Distribution



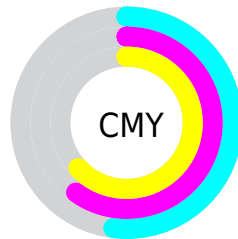
- Red (48%)
- Green (40%)
- Blue (37%)



- Red (48%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4485, 0.3536, 0.3453 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 14.4485, 0.3536, 0.3453 by changing the saturation by 10% instead.

■ 14.4485, 0.3536,
0.3453

■ 14.4485, 0.3536,
0.3453

■ 220.0034, 0.3291,
0.3359

■ 8.4333, 0.3617,
0.3482

■ 33.8827, 0.3434,
0.3415

■ 4.3734, 0.3739,
0.3523

■ 48.0705, 0.3400,
0.3402

■ 1.8846, 0.3939,
0.3584

■ 65.7513, 0.3373,
0.3391

■ 0.5391, 0.5278,
0.4225

■ 87.3094, 0.3350,
0.3383

■ 0.0000, 0.0000,
0.0000

■ 113.1293, 0.3332,
0.3375

■ 143.5953, 0.3316,

0.3369

179.0919, 0.3302,
0.3364

■ 14.4485, 0.3536,
0.3453

■ 14.4485, 0.3536,
0.3453

■ 12.6245, 0.3768,
0.3529

■ 16.4882, 0.3338,
0.3379

■ 11.0072, 0.4038,
0.3604

■ 18.7484, 0.3171,
0.3310

■ 9.5895, 0.4346,
0.3672

■ 21.2363, 0.3030,
0.3245

■ 8.3635, 0.4686,
0.3726

■ 23.9581, 0.2910,
0.3185

■ 7.3205, 0.5046,
0.3756

■ 26.9198, 0.2808,
0.3130

■ 6.4513, 0.5401,
0.3752

■ 30.1272, 0.2721,
0.3080

■ 5.7453, 0.5720,
0.3707

■ 33.5857, 0.2647,
0.3035

■ 5.3332, 0.5934,
0.3670

■ 37.3008, 0.2582,
0.2993

■ 41.2777, 0.2527,
0.2955

Harmonies

Analogous

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



14.4485, 0.3466, 0.3279



14.4485, 0.3536, 0.3453



14.4485, 0.3492, 0.3592

Triad

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



14.4485, 0.3536, 0.3453



14.4485, 0.2948, 0.3476



14.4485, 0.2902, 0.2945

Complementary

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



14.4485, 0.3536, 0.3453



15.8129, 0.2791, 0.3121

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.



14.4485, 0.2772, 0.2983



14.4485, 0.3536, 0.3453



14.4485, 0.2798, 0.3287

Square

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



14.4485, 0.3536, 0.3453



14.4485, 0.3149, 0.3614



14.4485, 0.2735, 0.3106



14.4485, 0.3095, 0.2992

Rectangle

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



14.4485, 0.3536, 0.3453



14.4485, 0.3405, 0.3644



14.4485, 0.2735, 0.3106



14.4485, 0.2850, 0.2948

Sweetspot

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



14.4492, 0.3536, 0.3453



31.2637, 0.3239, 0.3339



13.3581, 0.3265, 0.2895



7.1113, 0.3245, 0.3341



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.4492, 0.3536, 0.3453



23.5409, 0.3665, 0.3497



17.4164, 0.3479, 0.3722



4.1847, 0.3270, 0.3352



5.6037, 0.5938, 0.3667



25.4477, 0.6027, 0.3597

Inverse Universe

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



15.8129, 0.2791, 0.3121



26.4205, 0.2709, 0.3073



12.9111, 0.2769, 0.2817



4.3278, 0.2994, 0.3227



8.6551, 0.1990, 0.2364



39.7769, 0.1975, 0.2311

Previews

White Background



This preview shows how the Yxy color 14.4485, 0.3536, 0.3453 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 14.4485, 0.3536, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

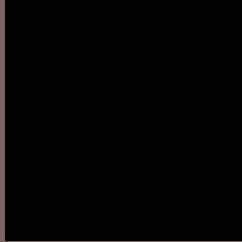
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4485, 0.3536, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 14.4485, 0.3536, 0.3453.



This preview shows how white text looks on a background with the Yxy color 14.4485, 0.3536, 0.3453.

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

14.4485, 0.3536, 0.3453

Protanopia

14.5321, 0.3331, 0.3502

Deuteranopia

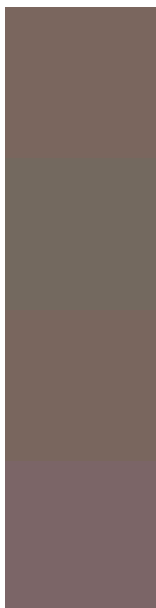
14.3758, 0.3521, 0.3454



Tritanopia

14.4821, 0.3370, 0.3133

Trichromacy



Original Color

14.4485, 0.3536, 0.3453

Protanomaly

14.5742, 0.3406, 0.3499

Deuteranomaly

14.3758, 0.3521, 0.3454

Tritanomaly

14.4976, 0.3424, 0.3251

Monochromacy



Original Color

14.4485, 0.3536, 0.3453

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.5072, 0.3266, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4485, 0.3536, 0.3453 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(122, 102, 94)` looks like.

```
.text, #text, p{  
    color:rgb(122, 102, 94)  
}
```

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(122, 102, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 102, 94) }
```

Border

The CSS property to change the border of an element to Yxy 14.4485, 0.3536, 0.3453 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(122, 102, 94) }
```

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

```
.border{ border-color:rgb(122, 102, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 102, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 102, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 102, 94);  
box-shadow:4px 4px 4px 4px rgb(122, 102,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4485, 0.3536, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 102, 94) }
```

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

```
.background{ background-color: rgb(122,  
102, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor