

Converting Colors

$Y_{xy}(14.0632, 0.3485, 0.3373)$

Have a look what the booklet for
Yxy(14.0632, 0.3485, 0.3373)
contains.

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Color

Yxy(13.9519, 0.3485, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	786460
RGB	120, 100, 96
RGB Percent	47%, 39%, 38%
CMY	0.5294, 0.6078, 0.6236
CMYK	0.00, 0.17, 0.20, 0.53
HSL	10°, 11%, 42%
HSV	10°, 20%, 47%
XYZ	14.4152, 13.9519, 12.9964
YIQ	105.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

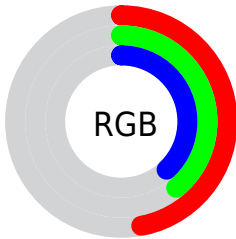
Format	Color
R_{YB}	120, 101, 96
Decimal	7890016
CIE Lab	44.16, 7.32, 5.26
CIE LCh	44, 9.009, 35.703
Yxy	13.9519, 0.3485, 0.3373
Android (android.graphics.Color)	4286080096 (0xFF786460)
YUV	105.5240, -4.6953, 12.6955
Hunter-Lab	37.3522, 3.5212, 5.5171

Details

The Yxy color **13.9519, 0.3485, 0.3373** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3341, 0.2838, 0.3205**, and the grayscale version is **14.2870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0928, 0.3403, 0.3363**, and **4.1161, 0.3663, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **11.9465, 0.3720, 0.3418**, and if you desaturate by 10%, it is **16.2277, 0.3290, 0.3330**.

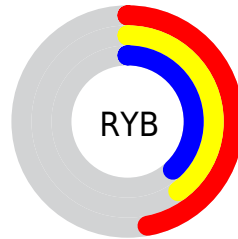
Distribution



Red (47%)

Green (39%)

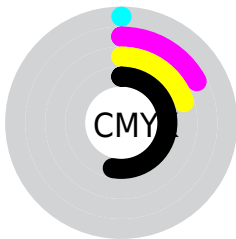
Blue (38%)



Red (47%)

Yellow (40%)

Blue (38%)

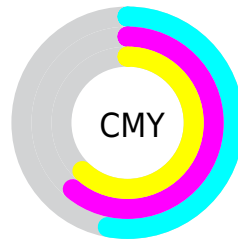


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (53%)



Cyan (53%)


Magenta (61%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9519, 0.3485, 0.3373 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 13.9519, 0.3485, 0.3373 by changing the saturation by 10% instead.


 13.9519, 0.3485,
0.3373


 13.9519, 0.3485,
0.3373


216.9314, 0.3269,
0.3326

 8.0872, 0.3557,
0.3387


 33.0037, 0.3395,
0.3354


 4.1508, 0.3666,
0.3407

 46.9595, 0.3365,
0.3348

 1.7583, 0.3848,
0.3435

 64.3812, 0.3341,
0.3342

 0.4610, 0.5088,
0.3803

 85.6532, 0.3321,
0.3338

 0.0000, 0.0000,
0.0000

111.1598, 0.3305,
0.3334

141.2854, 0.3291,

0.3331

176.4145, 0.3280,
0.3328

■ 13.9519, 0.3485,
0.3373

■ 13.9519, 0.3485,
0.3373

■ 11.9465, 0.3720,
0.3418

■ 16.2277, 0.3290,
0.3330

■ 10.1996, 0.4000,
0.3462

■ 18.7816, 0.3127,
0.3290

■ 8.7012, 0.4329,
0.3503

■ 21.6231, 0.2993,
0.3253

■ 7.4398, 0.4703,
0.3535

■ 24.7609, 0.2881,
0.3219

■ 6.4034, 0.5107,
0.3552

■ 28.2032, 0.2787,
0.3189

■ 5.5783, 0.5512,
0.3546

■ 31.9579, 0.2708,
0.3161

■ 4.9498, 0.5874,
0.3512

■ 36.0327, 0.2642,
0.3135

■ 4.4957, 0.6181,
0.3474

■ 40.4350, 0.2585,
0.3112

■ 45.1719, 0.2536,
0.3091

Harmonies

Analogous

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



13.9519, 0.3381, 0.3212



13.9519, 0.3485, 0.3373



13.9519, 0.3490, 0.3519

Triad

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



13.9519, 0.3485, 0.3373



13.9519, 0.3040, 0.3522



13.9519, 0.2861, 0.2979

Complementary

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



13.9519, 0.3485, 0.3373



16.3341, 0.2838, 0.3205

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.



13.9519, 0.2776, 0.3050



13.9519, 0.3485, 0.3373



13.9519, 0.2877, 0.3364

Square

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



13.9519, 0.3485, 0.3373



13.9519, 0.3229, 0.3613



13.9519, 0.2782, 0.3190



13.9519, 0.3018, 0.2989

Rectangle

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



13.9519, 0.3485, 0.3373



13.9519, 0.3436, 0.3587



13.9519, 0.2782, 0.3190



13.9519, 0.2824, 0.2994

Sweetspot

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



13.9525, 0.3485, 0.3373



30.2145, 0.3223, 0.3314



13.6188, 0.3205, 0.2894



7.1089, 0.3231, 0.3316



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

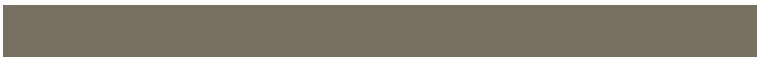
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.9525, 0.3485, 0.3373



22.8648, 0.3587, 0.3393



16.4280, 0.3441, 0.3611



4.1133, 0.3273, 0.3326



4.8874, 0.6187, 0.3469



22.4458, 0.6257, 0.3414

Inverse Universe

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



16.3341, 0.2838, 0.3205



27.8474, 0.2774, 0.3184



13.7425, 0.2822, 0.2947



4.4040, 0.2994, 0.3253



11.3982, 0.2102, 0.2768



53.3006, 0.2094, 0.2738

Previews

White Background



This preview shows how the Yxy color 13.9519, 0.3485, 0.3373 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 13.9519, 0.3485, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

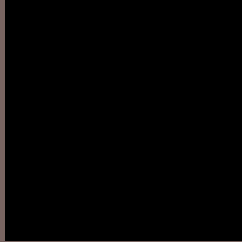
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9519, 0.3485, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 13.9519, 0.3485, 0.3373.



This preview shows how white text looks on a background with the Yxy color 13.9519, 0.3485, 0.3373.

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

13.9519, 0.3485, 0.3373

Protanopia

13.9706, 0.3265, 0.3419

Deuteranopia

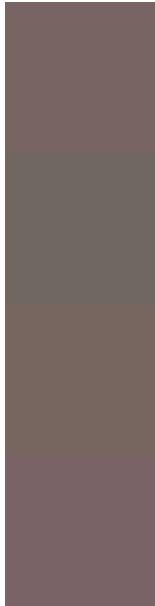
14.0034, 0.3450, 0.3394



Tritanopia

13.8409, 0.3359, 0.3130

Trichromacy



Original Color

13.9519, 0.3485, 0.3373

Protanomaly

14.0083, 0.3340, 0.3418

Deuteranomaly

14.0738, 0.3466, 0.3394

Tritanomaly

13.9479, 0.3415, 0.3230

Monochromacy



Original Color

13.9519, 0.3485, 0.3373

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.2394, 0.3254, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9519, 0.3485, 0.3373 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(120, 100, 96)` looks like.

```
.text, #text, p{  
    color:rgb(120, 100, 96)  
}
```

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(120, 100, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 100, 96) }
```

Border

The CSS property to change the border of an element to Yxy 13.9519, 0.3485, 0.3373 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(120, 100, 96) }
```

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

```
.border{ border-color:rgb(120, 100, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 100, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 100, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 100, 96);  
box-shadow:4px 4px 4px 4px rgb(120, 100,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9519, 0.3485, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 100, 96) }
```

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

```
.background{ background-color: rgb(120,  
100, 96) }
```

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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