

Converting Colors

$Y_{xy}(13.9721, 0.3506, 0.3296)$

Have a look what the booklet for
Yxy(13.9721, 0.3506, 0.3296)
contains.

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Color

Yxy(14.0165, 0.3505, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	7B6362
RGB	123, 99, 98
RGB Percent	48%, 39%, 38%
CMY	0.5175, 0.6118, 0.6157
CMYK	0.00, 0.20, 0.20, 0.52
HSL	2°, 11%, 43%
HSV	2°, 20%, 48%
XYZ	14.8378, 14.0165, 13.4789
YIQ	106.0620, 14.6250, 4.7770

Conversions

Conversions Part 2

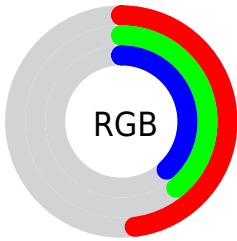
Format	Color
R_{YB}	123, 99, 98
Decimal	8086370
CIE _{Lab}	44.26, 9.50, 4.21
CIE _{LCh}	44, 10.390, 23.927
Yxy	14.0165, 0.3505, 0.3311
Android (android.graphics.Color)	4286276450 (0xFF7B6362)
YUV	106.0620, -3.9746, 14.8546
Hunter-Lab	37.4386, 5.2260, 4.8611

Details

The Yxy color **14.0165, 0.3505, 0.3311** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9555, 0.2836, 0.3269**, and the grayscale version is **14.4400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2127, 0.3407, 0.3305**, and **4.1598, 0.3697, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **11.7251, 0.3758, 0.3322**, and if you desaturate by 10%, it is **16.6725, 0.3299, 0.3300**.

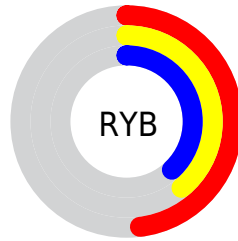
Distribution



Red (48%)

Green (39%)

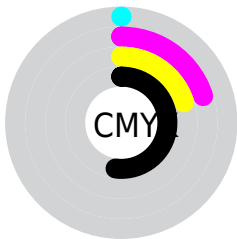
Blue (38%)



Red (48%)

Yellow (39%)

Blue (38%)

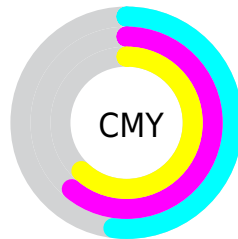


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (52%)



Cyan (52%)


Magenta (61%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0165, 0.3505, 0.3311 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 14.0165, 0.3505, 0.3311 by changing the saturation by 10% instead.


 14.0165, 0.3505,
0.3311


 14.0165, 0.3505,
0.3311


217.3335, 0.3277,
0.3301


 8.1321, 0.3581,
0.3313


 33.1183, 0.3410,
0.3308


 4.1796, 0.3696,
0.3314


 47.1045, 0.3378,
0.3306

 1.7745, 0.3887,
0.3312

 64.5602, 0.3353,
0.3305

 0.4712, 0.4964,
0.3441

 85.8696, 0.3332,
0.3304

 0.0000, 0.0000,
0.0000

111.4173, 0.3315,
0.3303

141.5876, 0.3301,

0.3302

176.7648, 0.3288,
0.3302

■ 14.0165, 0.3505,
0.3311

■ 14.0165, 0.3505,
0.3311

■ 11.7251, 0.3758,
0.3322

■ 16.6725, 0.3299,
0.3300

■ 9.7806, 0.4066,
0.3333

■ 19.7060, 0.3132,
0.3290

■ 8.1667, 0.4432,
0.3344

■ 23.1316, 0.2997,
0.3281

■ 6.8650, 0.4851,
0.3351

■ 26.9627, 0.2886,
0.3273

■ 5.8552, 0.5300,
0.3353

■ 31.2118, 0.2795,
0.3266

■ 5.1149, 0.5734,
0.3349

■ 35.8912, 0.2720,
0.3259

■ 4.6183, 0.6091,
0.3338

■ 41.0125, 0.2657,
0.3253

■ 4.3188, 0.6354,
0.3336

■ 46.5867, 0.2605,
0.3247

■ 52.6248, 0.2561,
0.3243

Harmonies

Analogous

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



14.0165, 0.3347, 0.3133



14.0165, 0.3505, 0.3311



14.0165, 0.3558, 0.3491

Triad

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



14.0165, 0.3505, 0.3311



14.0165, 0.3110, 0.3612



14.0165, 0.2772, 0.2954

Complementary

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



14.0165, 0.3505, 0.3311



17.9555, 0.2836, 0.3269

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.



14.0165, 0.2715, 0.3068



14.0165, 0.3505, 0.3311



14.0165, 0.2906, 0.3453

Square

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



14.0165, 0.3505, 0.3311



14.0165, 0.3325, 0.3674



14.0165, 0.2763, 0.3250



14.0165, 0.2923, 0.2930

Rectangle

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



14.0165, 0.3505, 0.3311



14.0165, 0.3526, 0.3589



14.0165, 0.2763, 0.3250



14.0165, 0.2741, 0.2982

Sweetspot

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



14.0171, 0.3505, 0.3311



32.0353, 0.3225, 0.3296



14.3586, 0.3161, 0.2825



7.4808, 0.3234, 0.3297



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.



14.0171, 0.3505, 0.3311



23.2687, 0.3606, 0.3316



16.5400, 0.3459, 0.3554



4.0382, 0.3276, 0.3299



4.4636, 0.6355, 0.3336



20.9966, 0.6381, 0.3315

Inverse Universe

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



17.9555, 0.2836, 0.3269



31.5439, 0.2780, 0.3264



15.1105, 0.2821, 0.3011



4.4865, 0.2994, 0.3281



14.9127, 0.2214, 0.3170



70.8307, 0.2212, 0.3164

Previews

White Background



This preview shows how the Yxy color 14.0165, 0.3505, 0.3311 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 14.0165, 0.3505, 0.3311 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 14.0165, 0.3505, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 14.0165, 0.3505, 0.3311.



This preview shows how white text looks on a background with the Yxy color 14.0165, 0.3505, 0.3311.

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

14.0165, 0.3505, 0.3311

Protanopia

14.0284, 0.3224, 0.3354

Deuteranopia

14.0408, 0.3422, 0.3353



Tritanopia

14.0404, 0.3419, 0.3152

Trichromacy



Original Color

14.0165, 0.3505, 0.3311

Protanomaly

13.9336, 0.3315, 0.3333

Deuteranomaly

13.9893, 0.3455, 0.3332

Tritanomaly

13.9798, 0.3464, 0.3211

Monochromacy



Original Color

14.0165, 0.3505, 0.3311

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.1245, 0.3257, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0165, 0.3505, 0.3311 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(123, 99, 98)` looks like.

```
.text, #text, p{  
    color:rgb(123, 99, 98)  
}
```

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(123, 99, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 99, 98) }
```

Border

The CSS property to change the border of an element to Yxy 14.0165, 0.3505, 0.3311 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(123, 99, 98) }
```

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

```
.border{ border-color:rgb(123, 99, 98) }
```

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

Here you see how a box with a 4 pixel rgb(123, 99, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 99, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 99, 98);  
box-shadow:4px 4px 4px 4px rgb(123, 99,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0165, 0.3505, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 99, 98) }
```

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

```
.background{ background-color: rgb(123, 99,  
98) }
```

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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