

Converting Colors

$Y_{xy}(14.2066, 0.3413, 0.3559)$

Have a look what the booklet for
Yxy(14.2066, 0.3413, 0.3559)
contains.

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Color

Yxy(14.1181, 0.3407, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	70685C
RGB	112, 104, 92
RGB Percent	44%, 41%, 36%
CMY	0.5607, 0.5922, 0.6393
CMYK	0.00, 0.07, 0.18, 0.56
HSL	36°, 10%, 40%
HSV	36°, 18%, 44%
XYZ	13.5647, 14.1181, 12.1314
YIQ	105.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

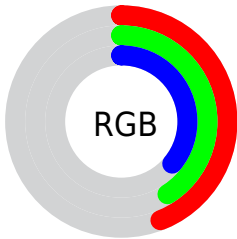
Format	Color
RYB	105, 112, 92
Decimal	7366748
CIELab	44.40, 0.94, 7.90
CIELCh	44, 7.959, 83.218
Yxy	14.1181, 0.3407, 0.3546
Android (android.graphics.Color)	4285556828 (0xFF70685C)
YUV	105.0240, -6.4208, 6.1180
Hunter-Lab	37.5741, -1.3140, 7.1591

Details

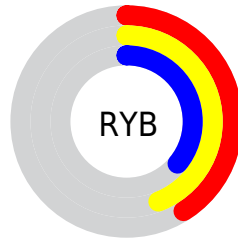
The Yxy color **14.1181, 0.3407, 0.3546** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5580, 0.2860, 0.3020**, and the grayscale version is **14.1498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2882, 0.3340, 0.3484**, and **4.2135, 0.3550, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **13.0589, 0.3587, 0.3697**, and if you desaturate by 10%, it is **15.2554, 0.3244, 0.3400**.

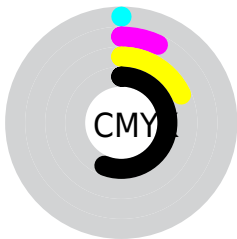
Distribution



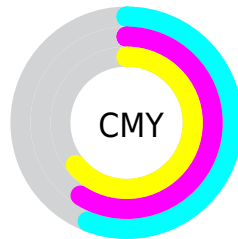
- Red (44%)
- Green (41%)
- Blue (36%)



- Red (41%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (56%)





- Cyan (56%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1181, 0.3407, 0.3546 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 14.1181, 0.3407, 0.3546 by changing the saturation by 10% instead.


 14.1181, 0.3407,
0.3546


 14.1181, 0.3407,
0.3546


217.9643, 0.3239,
0.3393

 8.2029, 0.3463,
0.3596


 33.2984, 0.3337,
0.3483

 4.2250, 0.3545,
0.3670

 47.3323, 0.3314,
0.3462

 1.8002, 0.3681,
0.3791

 64.8412, 0.3295,
0.3445

 0.4873, 0.4994,
0.5006

 86.2094, 0.3280,
0.3431

 0.0000, 0.0000,
0.0000

111.8215, 0.3267,
0.3419

142.0617, 0.3257,

0.3409

177.3145, 0.3247,
0.3401

■ 14.1181, 0.3407,
0.3546

■ 14.1181, 0.3407,
0.3546

■ 13.0589, 0.3587,
0.3697

■ 15.2554, 0.3244,
0.3400

■ 12.0741, 0.3784,
0.3848

■ 16.4709, 0.3098,
0.3261

■ 11.1620, 0.3994,
0.3995

■ 17.7671, 0.2967,
0.3131

■ 10.3204, 0.4214,
0.4128

■ 19.1457, 0.2851,
0.3010

■ 9.5470, 0.4436,
0.4239

■ 20.6083, 0.2748,
0.2898

■ 8.8390, 0.4650,
0.4318

■ 22.1567, 0.2657,
0.2795

■ 8.1937, 0.4847,
0.4355

■ 23.7923, 0.2575,
0.2700

■ 7.6040, 0.5027,
0.4357

■ 25.5169, 0.2503,
0.2614

■ 7.4846, 0.5068,
0.4358

■ 27.3317, 0.2439,
0.2534

Harmonies

Analogous

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



14.1181, 0.3455, 0.3443



14.1181, 0.3407, 0.3546



14.1181, 0.3283, 0.3582

Triad

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



14.1181, 0.3407, 0.3546



14.1181, 0.2849, 0.3265



14.1181, 0.3128, 0.3061

Complementary

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



14.1181, 0.3407, 0.3546



12.5580, 0.2860, 0.3020

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.



14.1181, 0.2968, 0.3012



14.1181, 0.3407, 0.3546



14.1181, 0.2810, 0.3125

Square

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



14.1181, 0.3407, 0.3546



14.1181, 0.2961, 0.3417



14.1181, 0.2852, 0.3034



14.1181, 0.3292, 0.3166

Rectangle

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



14.1181, 0.3407, 0.3546



14.1181, 0.3176, 0.3560



14.1181, 0.2852, 0.3034



14.1181, 0.3072, 0.3037

Sweetspot

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



14.1187, 0.3407, 0.3546



27.3671, 0.3202, 0.3361



12.0170, 0.3325, 0.3119



6.5473, 0.3210, 0.3369



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.1187, 0.3407, 0.3546



24.0990, 0.3471, 0.3601



15.6790, 0.3352, 0.3712



3.7031, 0.3261, 0.3416



8.6055, 0.5076, 0.4352



41.1467, 0.5138, 0.4302

Inverse Universe

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



12.5580, 0.2860, 0.3020



20.8762, 0.2803, 0.2958



11.2005, 0.2880, 0.2838



3.4992, 0.2996, 0.3161



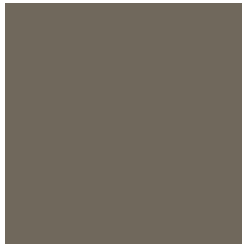
3.4614, 0.1703, 0.1329



15.6492, 0.1675, 0.1231

Previews

White Background



This preview shows how the Yxy color 14.1181, 0.3407, 0.3546 looks on a white background.

Color Contrast Check

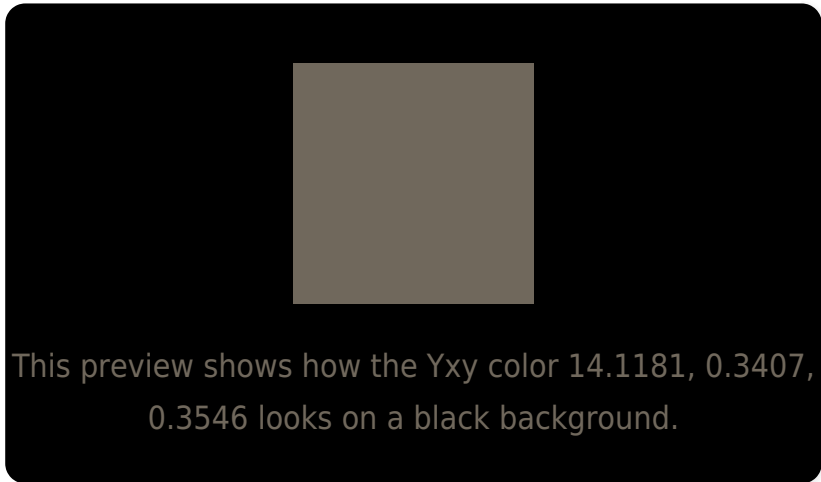
Large Text (above 18pt) WCAG AA ✓ Pass

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

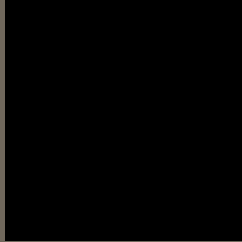
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1181, 0.3407, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 14.1181, 0.3407, 0.3546.



This preview shows how white text looks on a background with the Yxy color 14.1181, 0.3407, 0.3546.

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

14.1181, 0.3407, 0.3546

Protanopia

14.1909, 0.3374, 0.3569

Deuteranopia

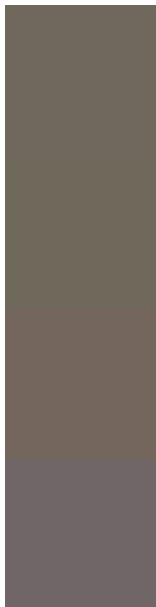
14.0907, 0.3525, 0.3455



Tritanopia

13.9889, 0.3207, 0.3126

Trichromacy



Original Color

14.1181, 0.3407, 0.3546

Protanomaly

14.2554, 0.3388, 0.3568

Deuteranomaly

14.0750, 0.3475, 0.3478

Tritanomaly

13.9927, 0.3274, 0.3270

Monochromacy



Original Color

14.1181, 0.3407, 0.3546

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2114, 0.3236, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1181, 0.3407, 0.3546 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(112, 104, 92)` looks like.

```
.text, #text, p{  
    color:rgb(112, 104, 92)  
}
```

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(112, 104, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 104, 92) }
```

Border

The CSS property to change the border of an element to Yxy 14.1181, 0.3407, 0.3546 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(112, 104, 92) }
```

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

```
.border{ border-color:rgb(112, 104, 92) }
```

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

Here you see how a box with a 4 pixel rgb(112, 104, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 104, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 104, 92);  
box-shadow:4px 4px 4px 4px rgb(112, 104,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1181, 0.3407, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 104, 92) }
```

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

```
.background{ background-color: rgb(112,  
104, 92) }
```

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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