

Converting Colors

$Y_{xy}(14.2670, 0.3435, 0.3397)$

Have a look what the booklet for
Yxy(14.2670, 0.3435, 0.3397)
contains.

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Color

Yxy(14.2174, 0.3433, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	766661
RGB	118, 102, 97
RGB Percent	46%, 40%, 38%
CMY	0.5372, 0.6000, 0.6197
CMYK	0.00, 0.14, 0.18, 0.54
HSL	14°, 10%, 42%
HSV	14°, 18%, 46%
XYZ	14.3808, 14.2174, 13.2916
YIQ	106.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

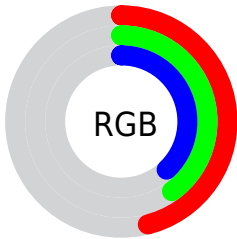
Format	Color
R_{YB}	118, 104, 97
Decimal	7759457
CIE Lab	44.54, 5.47, 5.17
CIE LCh	45, 7.527, 43.397
Yxy	14.2174, 0.3433, 0.3394
Android (android.graphics.Color)	4285949537 (0xFF766661)
YUV	106.2140, -4.5425, 10.3363
Hunter-Lab	37.7060, 2.0931, 5.4940

Details

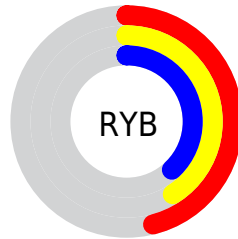
The Yxy color **14.2174, 0.3433, 0.3394** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6580, 0.2868, 0.3184**, and the grayscale version is **14.4856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4666, 0.3348, 0.3363**, and **4.2366, 0.3571, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **12.3425, 0.3651, 0.3457**, and if you desaturate by 10%, it is **16.3178, 0.3250, 0.3334**.

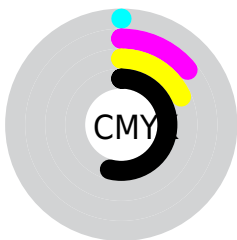
Distribution



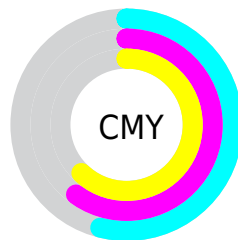
- Red (46%)
- Green (40%)
- Blue (38%)



- Red (46%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2174, 0.3433, 0.3394 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 14.2174, 0.3433, 0.3394 by changing the saturation by 10% instead.

■ 14.2174, 0.3433,
0.3394

■ 14.2174, 0.3433,
0.3394

218.5791, 0.3249,
0.3334

■ 8.2720, 0.3494,
0.3413

■ 33.4743, 0.3356,
0.3370

■ 4.2695, 0.3586,
0.3440

■ 47.5546, 0.3331,
0.3361

■ 1.8254, 0.3739,
0.3481

■ 65.1153, 0.3310,
0.3354

■ 0.5030, 0.4702,
0.3867

■ 86.5408, 0.3294,
0.3349

■ 0.0000, 0.0000,
0.0000

112.2156, 0.3280,
0.3344

142.5240, 0.3268,

0.3340

177.8503, 0.3258,
0.3337

■ 14.2174, 0.3433,
0.3394

■ 14.2174, 0.3433,
0.3394

■ 12.3425, 0.3651,
0.3457

■ 16.3178, 0.3250,
0.3334

■ 10.6836, 0.3908,
0.3520

■ 18.6490, 0.3096,
0.3278

■ 9.2336, 0.4207,
0.3580

■ 21.2185, 0.2967,
0.3226

■ 7.9839, 0.4546,
0.3631

■ 24.0327, 0.2858,
0.3179

■ 6.9255, 0.4916,
0.3666

■ 27.0980, 0.2765,
0.3136

■ 6.0486, 0.5297,
0.3673

■ 30.4205, 0.2687,
0.3097

■ 5.3427, 0.5654,
0.3647

■ 34.0059, 0.2620,
0.3061

■ 4.7923, 0.5969,
0.3596

■ 37.8600, 0.2562,
0.3028

■ 4.6901, 0.6037,
0.3588

■ 41.9882, 0.2512,
0.2998

Harmonies

Analogous

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



14.2174, 0.3366, 0.3260



14.2174, 0.3433, 0.3394



14.2174, 0.3415, 0.3506

Triad

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



14.2174, 0.3433, 0.3394



14.2174, 0.3017, 0.3452



14.2174, 0.2935, 0.3027

Complementary

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



14.2174, 0.3433, 0.3394



15.6580, 0.2868, 0.3184

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.



14.2174, 0.2846, 0.3070



14.2174, 0.3433, 0.3394



14.2174, 0.2893, 0.3315

Square

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



14.2174, 0.3433, 0.3394



14.2174, 0.3172, 0.3544



14.2174, 0.2831, 0.3174



14.2174, 0.3076, 0.3051

Rectangle

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



14.2174, 0.3433, 0.3394



14.2174, 0.3358, 0.3551



14.2174, 0.2831, 0.3174



14.2174, 0.2898, 0.3033

Sweetspot

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



14.2180, 0.3433, 0.3394



29.7494, 0.3206, 0.3319



13.5935, 0.3215, 0.2966



6.7895, 0.3214, 0.3322



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

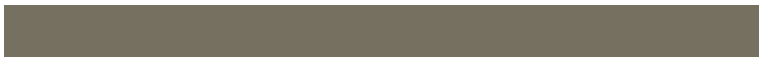
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.2180, 0.3433, 0.3394



23.7279, 0.3509, 0.3417



16.3929, 0.3399, 0.3602



3.8297, 0.3270, 0.3341



5.0554, 0.6044, 0.3583



23.4972, 0.6130, 0.3515

Inverse Universe

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



15.6580, 0.2868, 0.3184



26.7088, 0.2814, 0.3159



13.4683, 0.2857, 0.2958



4.0143, 0.2995, 0.3238



9.2790, 0.2036, 0.2529



43.8458, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 14.2174, 0.3433, 0.3394 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 14.2174, 0.3433, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

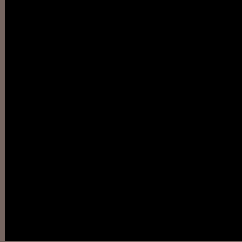
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2174, 0.3433, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 14.2174, 0.3433, 0.3394.



This preview shows how white text looks on a background with the Yxy color 14.2174, 0.3433, 0.3394.

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

14.2174, 0.3433, 0.3394

Protanopia

14.2552, 0.3264, 0.3418

Deuteranopia

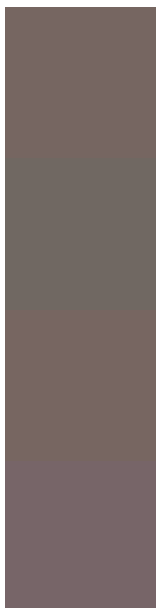
14.2877, 0.3448, 0.3393



Tritanopia

14.1190, 0.3296, 0.3129

Trichromacy



Original Color

14.2174, 0.3433, 0.3394

Protanomaly

14.2272, 0.3323, 0.3417

Deuteranomaly

14.2877, 0.3448, 0.3393

Tritanomaly

14.2288, 0.3350, 0.3230

Monochromacy



Original Color

14.2174, 0.3433, 0.3394

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.3974, 0.3224, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2174, 0.3433, 0.3394 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(118, 102, 97)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 97)  
}
```

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(118, 102, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 97) }
```

Border

The CSS property to change the border of an element to Yxy 14.2174, 0.3433, 0.3394 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(118, 102, 97) }
```

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

```
.border{ border-color:rgb(118, 102, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 102, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 97);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2174, 0.3433, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 102, 97) }
```

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

```
.background{ background-color: rgb(118,  
102, 97) }
```

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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