

Converting Colors

$Yxy(74.5468, 0.3157, 0.3311)$

Have a look what the booklet for
Yxy(74.5468, 0.3157, 0.3311)
contains.

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Color

Yxy(74.7540, 0.3154, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	E2E0DE
RGB	226, 224, 222
RGB Percent	89%, 88%, 87%
CMY	0.1137, 0.1216, 0.1292
CMYK	0.00, 0.01, 0.02, 0.11
HSL	30°, 6%, 88%
HSV	30°, 2%, 89%
XYZ	71.2093, 74.7540, 79.8114
YIQ	224.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

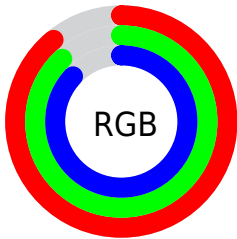
Format	Color
R _Y B	226, 226, 222
Decimal	14868702
CIE Lab	89.28, 0.34, 1.18
CIE LCh	89, 1.231, 74.167
Yxy	74.7540, 0.3154, 0.3311
Android (android.graphics.Color)	4293058782 (0xFFE2E0DE)
YUV	224.3700, -1.1684, 1.4295
Hunter-Lab	86.4604, -4.2919, 5.7918

Details

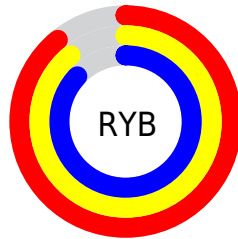
The Yxy color **74.7540, 0.3154, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3627, 0.3101, 0.3269**, and the grayscale version is **74.8310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8239, 0.3162, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **67.6886, 0.3320, 0.3436**, and if you desaturate by 10%, it is **82.4010, 0.3009, 0.3195**.

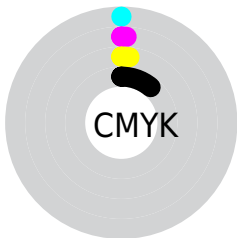
Distribution



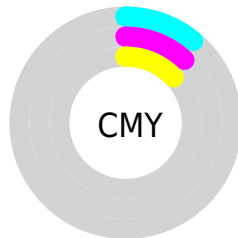
- Red (89%)
- Green (88%)
- Blue (87%)



- Red (89%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7540, 0.3154, 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 74.7540, 0.3154, 0.3311 by changing the saturation by 10% instead.

■ 74.7540, 0.3154,
0.3311

■ 74.7540, 0.3154,
0.3311

477.0716, 0.3142,
0.3301

■ 55.4114, 0.3157,
0.3313

125.9641, 0.3150,
0.3308

■ 39.7312, 0.3160,
0.3316

158.6003, 0.3148,
0.3306

■ 27.3290, 0.3165,
0.3319

196.4366, 0.3147,
0.3305

■ 17.8205, 0.3170,
0.3324

239.8572, 0.3145,
0.3304

■ 10.8212, 0.3178,
0.3330

289.2466, 0.3144,
0.3303

■ 5.9467, 0.3190,
0.3338

344.9893, 0.3143,

■ 2.8127, 0.3207,

0.3303

407.4694, 0.3142,
0.3302

0.3352

1.0348, 0.3239,
0.3376

0.0000, 0.0000,
0.0000

74.7540, 0.3154,
0.3311

74.7540, 0.3154,
0.3311

67.6886, 0.3320,
0.3436

82.4010, 0.3009,
0.3195

61.1806, 0.3510,
0.3567

89.8201, 0.2951,
0.3207

55.2182, 0.3725,
0.3701

94.9093, 0.2952,
0.3289

49.7855, 0.3964,
0.3834

■ 44.8656, 0.4226,
0.3956

■ 40.4406, 0.4502,
0.4059

■ 36.4912, 0.4781,
0.4128

■ 32.9962, 0.5046,
0.4152

■ 29.9318, 0.5279,
0.4121

Harmonies

Analogous

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



74.7540, 0.3156, 0.3301



74.7540, 0.3154, 0.3311



74.7540, 0.3145, 0.3316

Triad

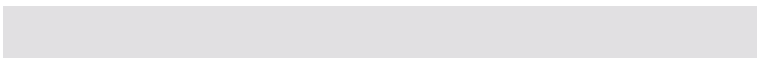
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7540, 0.3154, 0.3311



74.7540, 0.3105, 0.3292



74.7540, 0.3123, 0.3267

Complementary

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



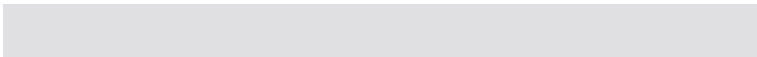
74.7540, 0.3154, 0.3311



74.3627, 0.3101, 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.



74.7540, 0.3109, 0.3265



74.7540, 0.3154, 0.3311



74.7540, 0.3099, 0.3279

Square

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



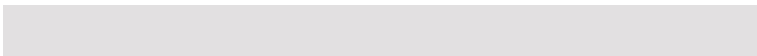
74.7540, 0.3154, 0.3311



74.7540, 0.3117, 0.3305



74.7540, 0.3101, 0.3269



74.7540, 0.3138, 0.3276

Rectangle

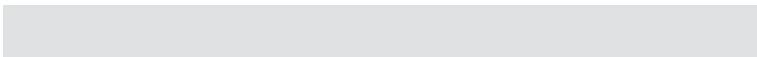
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7540, 0.3154, 0.3311



74.7540, 0.3136, 0.3315



74.7540, 0.3101, 0.3269



74.7540, 0.3118, 0.3266

Sweetspot

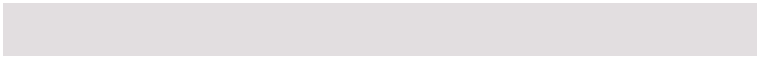
The Sweet Spot groups the original color and five complimentary colors.



74.7572, 0.3154, 0.3311



99.0171, 0.3142, 0.3302



73.8207, 0.3142, 0.3268



21.2041, 0.3142, 0.3301



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

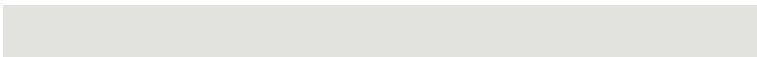
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7572, 0.3154, 0.3311



98.0419, 0.3158, 0.3314



75.8043, 0.3153, 0.3332



15.9659, 0.3156, 0.3313



16.0407, 0.5418, 0.4080



1.2909, 0.5179, 0.4269

Inverse Universe

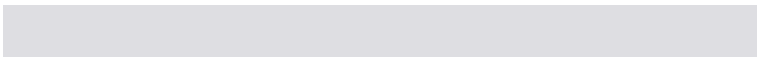
The Inverse Universe completely reimagines the original color for something new.



74.3627, 0.3101, 0.3269



97.4471, 0.3097, 0.3266



73.3273, 0.3101, 0.3248



15.8751, 0.3098, 0.3267



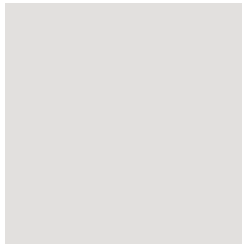
10.2690, 0.1778, 0.1602



0.8909, 0.1855, 0.1879

Previews

White Background



This preview shows how the Yxy color 74.7540, 0.3154, 0.3311 looks on a white background.

Color Contrast Check

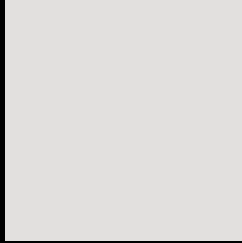
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.7540, 0.3154, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

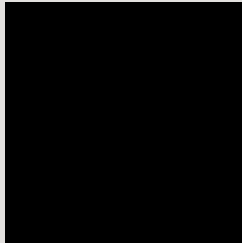
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

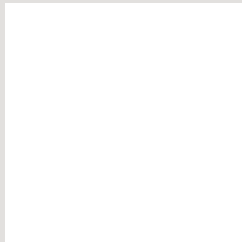
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7540, 0.3154, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 74.7540, 0.3154, 0.3311.

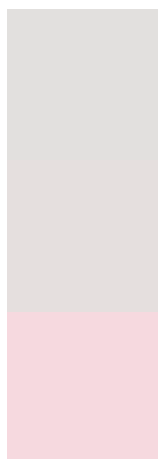


This preview shows how white text looks on a background with the Yxy color 74.7540, 0.3154, 0.3311.

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

74.7540, 0.3154, 0.3311

Protanopia

74.7073, 0.3176, 0.3301

Deuteranopia

74.5463, 0.3298, 0.3229



Tritanopia

74.6029, 0.3066, 0.3102

Trichromacy



Original Color

74.7540, 0.3154, 0.3311

Protanomaly

74.5433, 0.3169, 0.3301

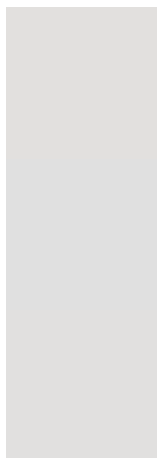
Deuteranomaly

74.8648, 0.3244, 0.3259

Tritanomaly

74.6197, 0.3098, 0.3174

Monochromacy



Original Color

74.7540, 0.3154, 0.3311

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6466, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7540, 0.3154, 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(226, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 222)  
}
```

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(226, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 74.7540, 0.3154, 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(226, 224, 222) }
```

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

```
.border{ border-color:rgb(226, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7540, 0.3154, 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(226, 224, 222) }
```

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

```
.background{ background-color: rgb(226,  
224, 222) }
```

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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