

Converting Colors

$Yxy(76.3937, 0.3168, 0.3330)$

Have a look what the booklet for
Yxy(76.3937, 0.3168, 0.3330)
contains.

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Color

Yxy(76.3247, 0.3174, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E5E2DE
RGB	229, 226, 222
RGB Percent	90%, 89%, 87%
CMY	0.1021, 0.1137, 0.1295
CMYK	0.00, 0.01, 0.03, 0.10
HSL	35°, 12%, 88%
HSV	35°, 3%, 90%
XYZ	72.6836, 76.3247, 79.9887
YIQ	226.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

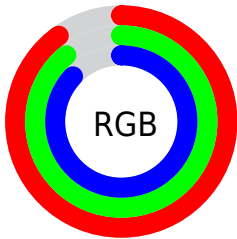
Format	Color
R _Y B	227, 229, 222
Decimal	15065822
CIE Lab	90.01, 0.29, 2.31
CIE LCh	90, 2.332, 82.799
Yxy	76.3247, 0.3174, 0.3333
Android (android.graphics.Color)	4293255902 (0xFFE5E2DE)
YUV	226.4410, -2.1894, 2.2442
Hunter-Lab	87.3640, -4.3816, 6.8701

Details

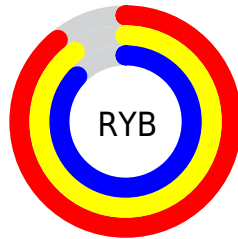
The Yxy color **76.3247, 0.3174, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9904, 0.3081, 0.3247**, and the grayscale version is **76.4016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9145, 0.3188, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **70.0761, 0.3340, 0.3479**, and if you desaturate by 10%, it is **83.0426, 0.3027, 0.3195**.

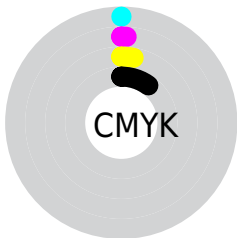
Distribution



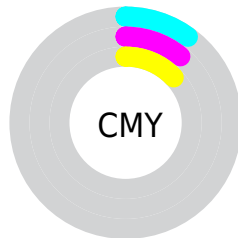
- Red (90%)
- Green (89%)
- Blue (87%)



- Red (89%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3247, 0.3174, 0.3333 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 76.3247, 0.3174, 0.3333 by changing the saturation by 10% instead.

■ 76.3247, 0.3174,
0.3333

■ 76.3247, 0.3174,
0.3333

482.4585, 0.3153,
0.3313

■ 56.6988, 0.3179,
0.3337

128.1858, 0.3167,
0.3326

■ 40.7635, 0.3185,
0.3343

161.1898, 0.3164,
0.3324

■ 28.1343, 0.3192,
0.3350

199.4219, 0.3161,
0.3321

■ 18.4269, 0.3202,
0.3359

243.2665, 0.3159,
0.3319

■ 11.2569, 0.3216,
0.3371

293.1081, 0.3157,
0.3318

■ 6.2399, 0.3235,
0.3389

349.3311, 0.3155,

■ 2.9915, 0.3265,

0.3316

0.3416

412.3197, 0.3154,
0.3315

■ 1.1273, 0.3318,
0.3464

■ 0.0011, 0.8820,
0.1180

■ 76.3247, 0.3174,
0.3333

■ 76.3247, 0.3174,
0.3333

■ 70.0761, 0.3340,
0.3479

■ 83.0426, 0.3027,
0.3195

■ 64.2754, 0.3526,
0.3632

■ 89.3810, 0.2968,
0.3193

■ 58.9138, 0.3732,
0.3788

■ 95.3892, 0.2970,
0.3289

■ 53.9785, 0.3957,
0.3940

■ 95.3929, 0.2970,
0.3290

■ 49.4561, 0.4195,
0.4080

■ 45.3320, 0.4439,
0.4197

■ 41.5903, 0.4677,
0.4279

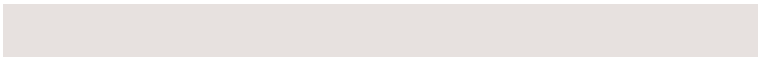
■ 38.2135, 0.4897,
0.4314

■ 35.1813, 0.5084,
0.4295

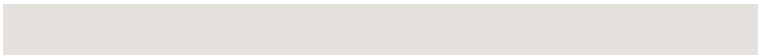
Harmonies

Analogous

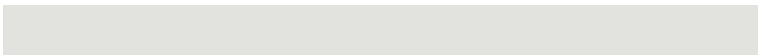
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3247, 0.3181, 0.3316



76.3247, 0.3174, 0.3333



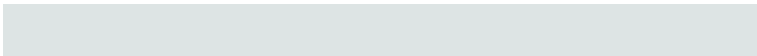
76.3247, 0.3154, 0.3338

Triad

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



76.3247, 0.3174, 0.3333



76.3247, 0.3080, 0.3287



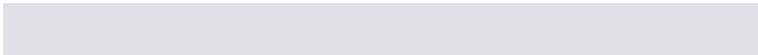
76.3247, 0.3127, 0.3251

Complementary

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



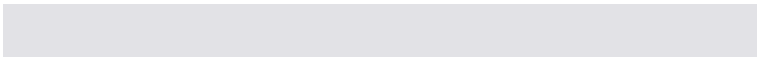
76.3247, 0.3174, 0.3333



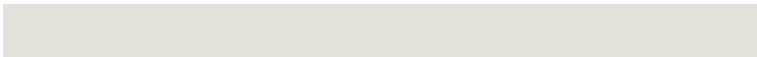
74.9904, 0.3081, 0.3247

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.



76.3247, 0.3100, 0.3243



76.3247, 0.3174, 0.3333



76.3247, 0.3073, 0.3264

Square

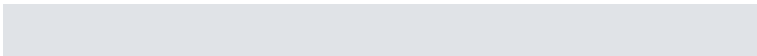
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



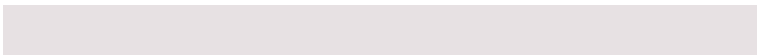
76.3247, 0.3174, 0.3333



76.3247, 0.3100, 0.3312



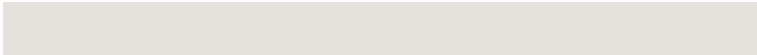
76.3247, 0.3081, 0.3247



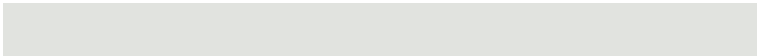
76.3247, 0.3155, 0.3269

Rectangle

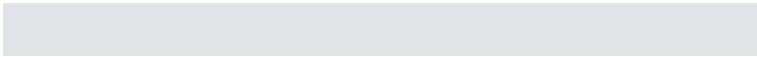
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3247, 0.3174, 0.3333



76.3247, 0.3136, 0.3334



76.3247, 0.3081, 0.3247



76.3247, 0.3118, 0.3247

Sweetspot

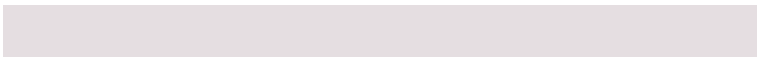
The Sweet Spot groups the original color and five complimentary colors.



76.3280, 0.3174, 0.3333



99.1524, 0.3142, 0.3304



74.3178, 0.3157, 0.3258



21.2317, 0.3142, 0.3303



0.0000, 0.0000, 0.0000



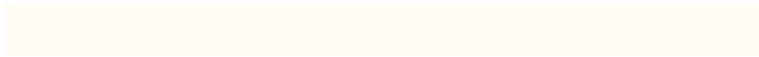
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3280, 0.3174, 0.3333



96.6457, 0.3189, 0.3347



77.8704, 0.3169, 0.3364



16.3935, 0.3200, 0.3357



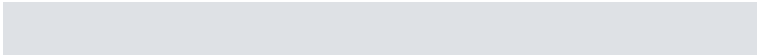
19.2651, 0.5177, 0.4272



1.6066, 0.4994, 0.4417

Inverse Universe

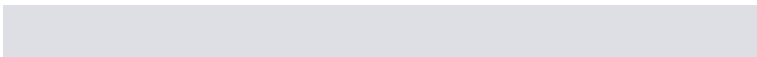
The Inverse Universe completely reimagines the original color for something new.



74.9904, 0.3081, 0.3247



94.4114, 0.3066, 0.3233



73.4829, 0.3085, 0.3215



15.9476, 0.3055, 0.3222



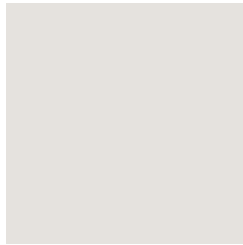
8.3071, 0.1704, 0.1332



0.7944, 0.1783, 0.1618

Previews

White Background



This preview shows how the Yxy color 76.3247, 0.3174, 0.3333 looks on a white background.

Color Contrast Check

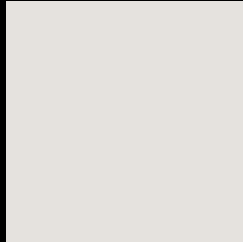
Large Text (above 18pt) WCAG AA × Fail

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 76.3247, 0.3174, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

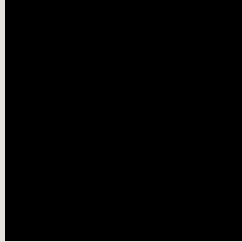
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

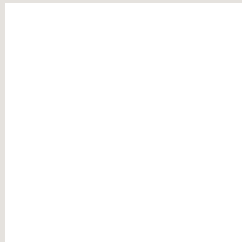
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3247, 0.3174, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 76.3247, 0.3174, 0.3333.

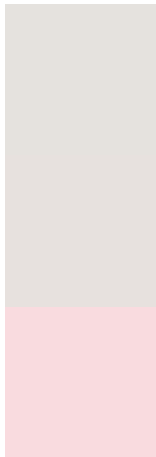


This preview shows how white text looks on a background with the Yxy color 76.3247, 0.3174, 0.3333.

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

76.3247, 0.3174, 0.3333

Protanopia

76.1133, 0.3189, 0.3322

Deuteranopia

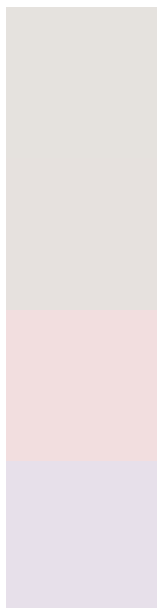
76.1305, 0.3318, 0.3250



Tritanopia

76.2820, 0.3074, 0.3104

Trichromacy



Original Color

76.3247, 0.3174, 0.3333

Protanomaly

75.9473, 0.3182, 0.3322

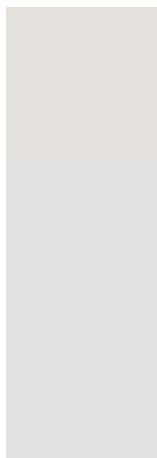
Deuteranomaly

76.4475, 0.3263, 0.3280

Tritanomaly

76.2407, 0.3111, 0.3186

Monochromacy



Original Color

76.3247, 0.3174, 0.3333

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1598, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3247, 0.3174, 0.3333 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(229, 226, 222) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 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(229, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 222) }
```

Border

The CSS property to change the border of an element to Yxy 76.3247, 0.3174, 0.3333 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(229, 226, 222) }
```

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

```
.border{ border-color:rgb(229, 226, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3247, 0.3174, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 222) }
```

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

```
.background{ background-color: rgb(229,  
226, 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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