

Converting Colors

$Yxy(70.3464, 0.3233, 0.3347)$

Have a look what the booklet for
Yxy(70.3464, 0.3233, 0.3347)
contains.

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Color

Yxy(70.4976, 0.3234, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	E2D9D3
RGB	226, 217, 211
RGB Percent	89%, 85%, 83%
CMY	0.1137, 0.1490, 0.1727
CMYK	0.00, 0.04, 0.07, 0.11
HSL	24°, 21%, 86%
HSV	24°, 7%, 89%
XYZ	67.9348, 70.4976, 71.6319
YIQ	219.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

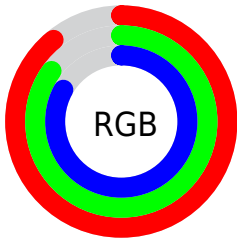
Format	Color
R _Y B	226, 221, 211
Decimal	14866899
CIE Lab	87.24, 2.05, 4.06
CIE LCh	87, 4.543, 63.217
Yxy	70.4976, 0.3234, 0.3356
Android (android.graphics.Color)	4293056979 (0xFFE2D9D3)
YUV	219.0070, -3.9475, 6.1329
Hunter-Lab	83.9628, -2.5096, 8.1914

Details

The Yxy color **70.4976, 0.3234, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5113, 0.3025, 0.3223**, and the grayscale version is **70.8694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9329, 0.3258, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **62.7519, 0.3416, 0.3461**, and if you desaturate by 10%, it is **78.9812, 0.3078, 0.3258**.

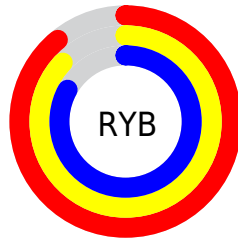
Distribution



Red (89%)

Green (85%)

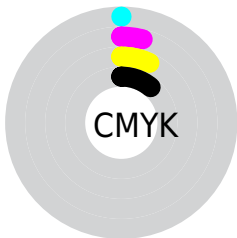
Blue (83%)



Red (89%)

Yellow (87%)

Blue (83%)

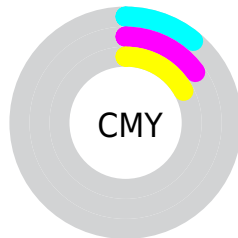


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4976, 0.3234, 0.3356 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 70.4976, 0.3234, 0.3356 by changing the saturation by 10% instead.

■ 70.4976, 0.3234,
0.3356

■ 70.4976, 0.3234,
0.3356

462.2952, 0.3184,
0.3326

■ 51.9323, 0.3246,
0.3363

119.9181, 0.3217,
0.3345

■ 36.9511, 0.3260,
0.3372

151.5421, 0.3210,
0.3341

■ 25.1696, 0.3278,
0.3383

188.2878, 0.3204,
0.3338

■ 16.2035, 0.3302,
0.3397

230.5395, 0.3199,
0.3335

■ 9.6683, 0.3335,
0.3417

278.6817, 0.3195,
0.3332

■ 5.1796, 0.3383,
0.3445

333.0988, 0.3191,

■ 2.3530, 0.3461,

0.3330

0.3490

394.1752, 0.3187,
0.3327

0.8016, 0.3686,
0.3639

0.0000, 0.0000,
0.0000

70.4976, 0.3234,
0.3356

70.4976, 0.3234,
0.3356

62.7519, 0.3416,
0.3461

78.9812, 0.3078,
0.3258

55.7144, 0.3628,
0.3570

88.1371, 0.2950,
0.3179

49.3671, 0.3872,
0.3680

94.9114, 0.2952,
0.3289

43.6875, 0.4147,
0.3785

■ 38.6519, 0.4451,
0.3877

■ 34.2350, 0.4772,
0.3944

■ 30.4093, 0.5094,
0.3972

■ 27.1448, 0.5391,
0.3950

■ 24.4068, 0.5640,
0.3875

Harmonies

Analogous

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



70.4976, 0.3230, 0.3313



70.4976, 0.3234, 0.3356



70.4976, 0.3209, 0.3382

Triad

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



70.4976, 0.3234, 0.3356



70.4976, 0.3057, 0.3317



70.4976, 0.3091, 0.3198

Complementary

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



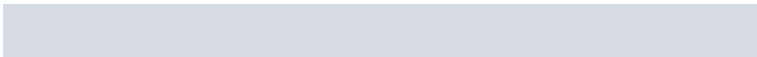
70.4976, 0.3234, 0.3356



70.5113, 0.3025, 0.3223

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.



70.4976, 0.3045, 0.3199



70.4976, 0.3234, 0.3356



70.4976, 0.3026, 0.3266

Square

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



70.4976, 0.3234, 0.3356



70.4976, 0.3107, 0.3360



70.4976, 0.3022, 0.3223



70.4976, 0.3147, 0.3222

Rectangle

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



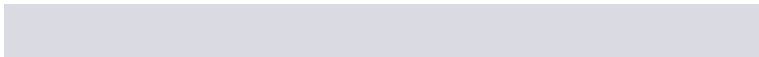
70.4976, 0.3234, 0.3356



70.4976, 0.3180, 0.3386



70.4976, 0.3022, 0.3223



70.4976, 0.3074, 0.3196

Sweetspot

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



70.5007, 0.3234, 0.3356



97.7427, 0.3158, 0.3310



67.9105, 0.3176, 0.3192



20.9447, 0.3157, 0.3309



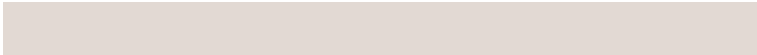
0.0000, 0.0000, 0.0000



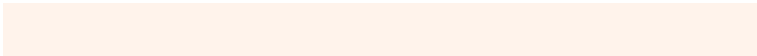
21.4041, 0.3127, 0.3290

Same Dimension

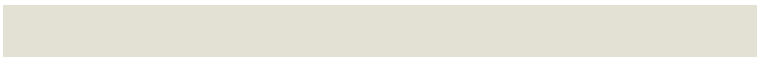
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5007, 0.3234, 0.3356



91.2068, 0.3258, 0.3370



74.4595, 0.3227, 0.3437



14.5985, 0.3282, 0.3385



13.6780, 0.5687, 0.3866



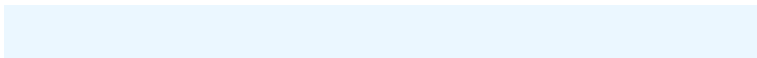
1.1200, 0.5406, 0.4090

Inverse Universe

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



70.5113, 0.3025, 0.3223



91.2234, 0.3003, 0.3208



66.6590, 0.3025, 0.3139



14.6016, 0.2981, 0.3194



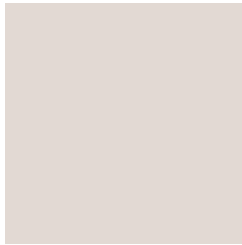
13.3105, 0.1868, 0.1924



1.0965, 0.1933, 0.2157

Previews

White Background



This preview shows how the Yxy color 70.4976, 0.3234, 0.3356 looks on a white background.

Color Contrast Check

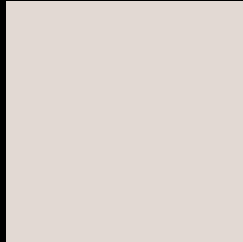
Large Text (above 18pt) WCAG AA × Fail

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 70.4976, 0.3234, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

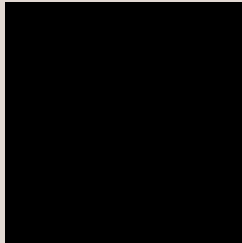
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

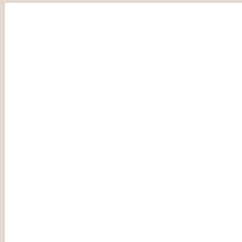
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4976, 0.3234, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 70.4976, 0.3234, 0.3356.

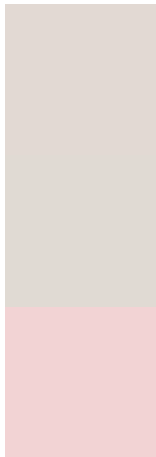


This preview shows how white text looks on a background with the Yxy color 70.4976, 0.3234, 0.3356.

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

70.4976, 0.3234, 0.3356

Protanopia

70.6932, 0.3218, 0.3367

Deuteranopia

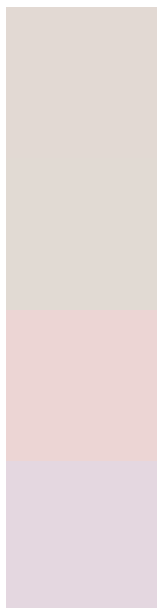
70.2192, 0.3354, 0.3280



Tritanopia

70.5207, 0.3121, 0.3110

Trichromacy



Original Color

70.4976, 0.3234, 0.3356

Protanomaly

70.8535, 0.3225, 0.3367

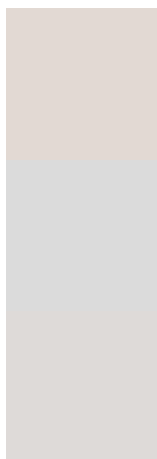
Deuteranomaly

70.1748, 0.3306, 0.3301

Tritanomaly

70.4767, 0.3161, 0.3194

Monochromacy



Original Color

70.4976, 0.3234, 0.3356

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6303, 0.3169, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4976, 0.3234, 0.3356 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, 217, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 211)  
}
```

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, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 211) }
```

Border

The CSS property to change the border of an element to Yxy 70.4976, 0.3234, 0.3356 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, 217, 211) }
```

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

```
.border{ border-color:rgb(226, 217, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4976, 0.3234, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 211) }
```

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

```
.background{ background-color: rgb(226,  
217, 211) }
```

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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