

Converting Colors

$Yxy(76.2842, 0.3188, 0.3315)$

Have a look what the booklet for
Yxy(76.2842, 0.3188, 0.3315)
contains.

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Color

Yxy(76.3339, 0.3189, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	E8E1DF
RGB	232, 225, 223
RGB Percent	91%, 88%, 87%
CMY	0.0903, 0.1176, 0.1254
CMYK	0.00, 0.03, 0.04, 0.09
HSL	13°, 16%, 89%
HSV	13°, 4%, 91%
XYZ	73.5212, 76.3339, 80.6912
YIQ	226.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

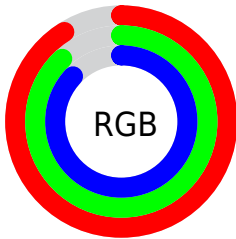
Format	Color
R _Y B	232, 226, 223
Decimal	15262175
CIE Lab	90.01, 2.02, 1.79
CIE LCh	90, 2.704, 41.559
Yxy	76.3339, 0.3189, 0.3311
Android (android.graphics.Color)	4293452255 (0xFFE8E1DF)
YUV	226.8650, -1.9054, 4.5034
Hunter-Lab	87.3693, -2.6885, 6.4003

Details

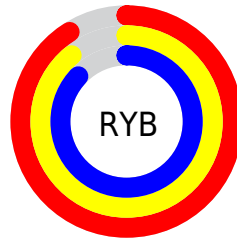
The Yxy color **76.3339, 0.3189, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1124, 0.3068, 0.3269**, and the grayscale version is **76.7255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8067, 0.3199, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **65.9114, 0.3372, 0.3368**, and if you desaturate by 10%, it is **87.9683, 0.3037, 0.3258**.

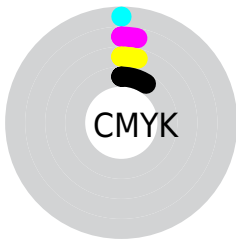
Distribution



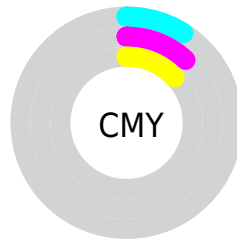
- Red (91%)
- Green (88%)
- Blue (87%)



- Red (91%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3339, 0.3189, 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 76.3339, 0.3189, 0.3311 by changing the saturation by 10% instead.


 76.3339, 0.3189,
0.3311

 76.3339, 0.3189,
0.3311


482.4899, 0.3161,
0.3302

 56.7063, 0.3195,
0.3313


128.1988, 0.3179,
0.3308

 40.7695, 0.3203,
0.3316


161.2049, 0.3175,
0.3306

 28.1390, 0.3213,
0.3319


199.4393, 0.3172,
0.3305

 18.4305, 0.3227,
0.3323

243.2865, 0.3169,
0.3304

 11.2595, 0.3244,
0.3329

293.1307, 0.3167,
0.3304

 6.2417, 0.3270,
0.3337

349.3564, 0.3164,

 2.9926, 0.3310,

0.3303

412.3480, 0.3162,
0.3302

0.3350

1.1279, 0.3381,
0.3371

0.0016, 0.9702,
0.0298

76.3339, 0.3189,
0.3311

76.3339, 0.3189,
0.3311

65.9114, 0.3372,
0.3368

87.9683, 0.3037,
0.3258

56.6520, 0.3592,
0.3429

95.8925, 0.2987,
0.3290

48.5179, 0.3856,
0.3491

41.4657, 0.4168,
0.3551

■ 35.4492, 0.4527,
0.3602

■ 30.4185, 0.4923,
0.3636

■ 26.3197, 0.5331,
0.3643

■ 23.0933, 0.5712,
0.3612

■ 20.6725, 0.6017,
0.3544

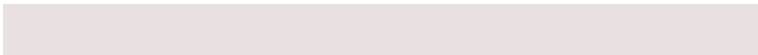
Harmonies

Analogous

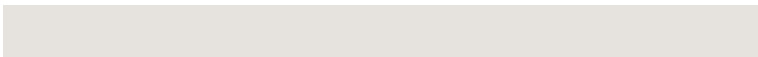
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3339, 0.3175, 0.3283



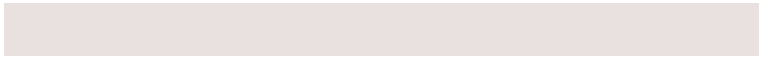
76.3339, 0.3189, 0.3311



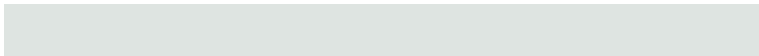
76.3339, 0.3187, 0.3334

Triad

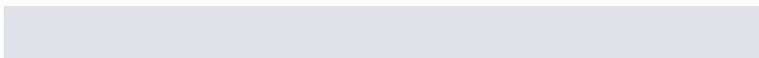
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3339, 0.3189, 0.3311



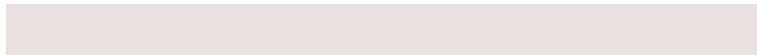
76.3339, 0.3107, 0.3324



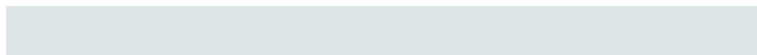
76.3339, 0.3086, 0.3235

Complementary

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



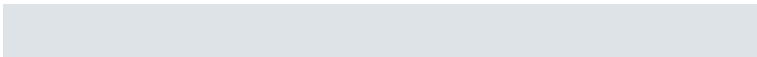
76.3339, 0.3189, 0.3311



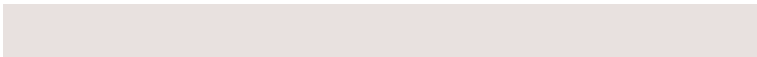
78.1124, 0.3068, 0.3269

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.



76.3339, 0.3068, 0.3246



76.3339, 0.3189, 0.3311



76.3339, 0.3080, 0.3298

Square

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



76.3339, 0.3189, 0.3311



76.3339, 0.3139, 0.3342



76.3339, 0.3066, 0.3269



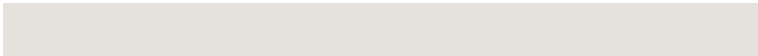
76.3339, 0.3115, 0.3239

Rectangle

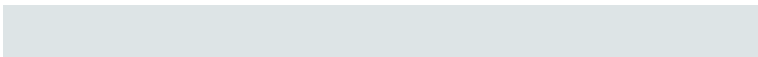
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



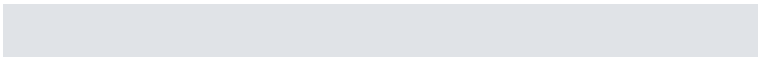
76.3339, 0.3189, 0.3311



76.3339, 0.3176, 0.3343



76.3339, 0.3066, 0.3269



76.3339, 0.3079, 0.3238

Sweetspot

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



76.3372, 0.3189, 0.3311



98.5761, 0.3143, 0.3295



75.6595, 0.3144, 0.3217



21.1144, 0.3142, 0.3295



0.0000, 0.0000, 0.0000



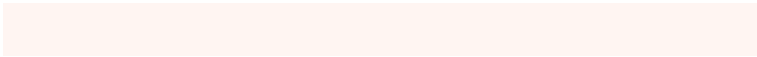
21.4041, 0.3127, 0.3290

Same Dimension

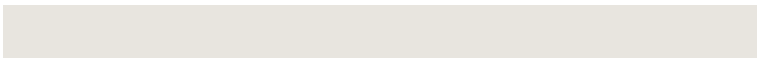
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3372, 0.3189, 0.3311



93.0324, 0.3209, 0.3318



78.7668, 0.3186, 0.3357



15.7278, 0.3220, 0.3321



11.0060, 0.6133, 0.3513



0.9495, 0.5853, 0.3735

Inverse Universe

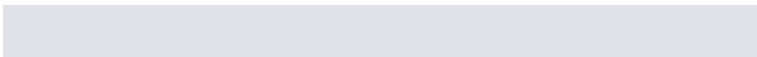
The Inverse Universe completely reimagines the original color for something new.



78.1124, 0.3068, 0.3269



95.8761, 0.3050, 0.3262



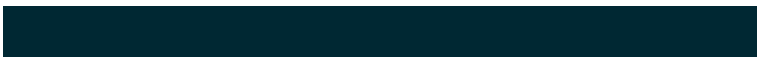
75.6749, 0.3069, 0.3222



16.2729, 0.3040, 0.3259



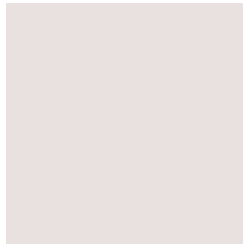
21.7097, 0.2045, 0.2563



1.7381, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 76.3339, 0.3189, 0.3311 looks on a white background.

Color Contrast Check

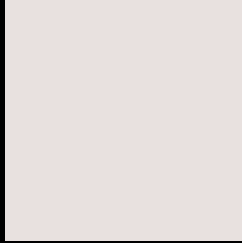
Large Text (above 18pt) WCAG AA × Fail

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 76.3339, 0.3189, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

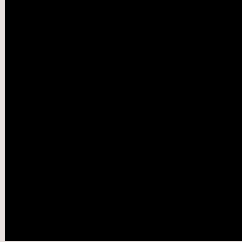
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

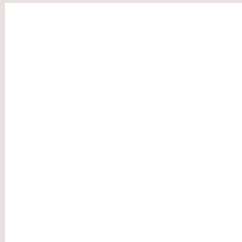
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3339, 0.3189, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 76.3339, 0.3189, 0.3311.

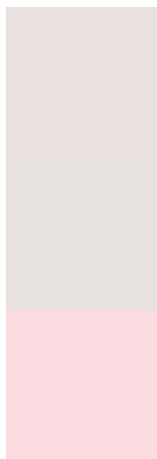


This preview shows how white text looks on a background with the Yxy color 76.3339, 0.3189, 0.3311.

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

76.3339, 0.3189, 0.3311

Protanopia

76.1671, 0.3182, 0.3311

Deuteranopia

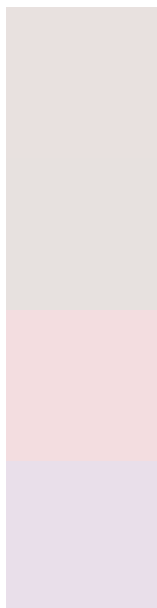
76.1846, 0.3311, 0.3240



Tritanopia

76.0262, 0.3094, 0.3104

Trichromacy



Original Color

76.3339, 0.3189, 0.3311

Protanomaly

76.1671, 0.3182, 0.3311

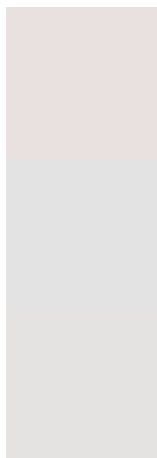
Deuteranomaly

76.1494, 0.3265, 0.3260

Tritanomaly

76.0395, 0.3126, 0.3175

Monochromacy



Original Color

76.3339, 0.3189, 0.3311

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5417, 0.3148, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3339, 0.3189, 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(232, 225, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 223)  
}
```

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(232, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 223) }
```

Border

The CSS property to change the border of an element to Yxy 76.3339, 0.3189, 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(232, 225, 223) }
```

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

```
.border{ border-color:rgb(232, 225, 223) }
```

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

Here you see how a box with a 4 pixel rgb(232, 225, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 225,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3339, 0.3189, 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(232, 225, 223) }
```

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

```
.background{ background-color: rgb(232,  
225, 223) }
```

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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