

Converting Colors

$Yxy(76.8683, 0.3220, 0.3284)$

Have a look what the booklet for
Yxy(76.8683, 0.3220, 0.3284)
contains.

Yxy(76.9247, 0.3219, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.9247, 0.3219, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EEE0E1
RGB	238, 224, 225
RGB Percent	93%, 88%, 88%
CMY	0.0669, 0.1215, 0.1176
CMYK	0.00, 0.06, 0.05, 0.07
HSL	356°, 29%, 91%
HSV	356°, 6%, 93%
XYZ	75.4941, 76.9247, 82.1077
YIQ	228.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

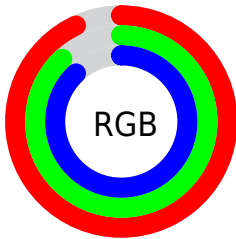
Format	Color
R _Y B	238, 224, 225
Decimal	15655137
CIE Lab	90.29, 4.92, 1.21
CIE LCh	90, 5.064, 13.841
Yxy	76.9247, 0.3219, 0.3280
Android (android.graphics.Color)	4293845217 (0xFFEEE0E1)
YUV	228.3000, -1.6269, 8.5069
Hunter-Lab	87.7067, 0.1582, 5.8896

Details

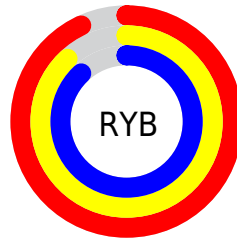
The Yxy color **76.9247, 0.3219, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.0830, 0.3042, 0.3300**, and the grayscale version is **77.8198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2233, 0.3238, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **63.8890, 0.3406, 0.3262**, and if you desaturate by 10%, it is **91.9132, 0.3069, 0.3297**.

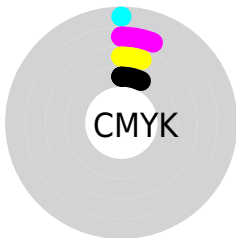
Distribution



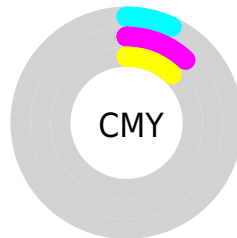
- Red (93%)
- Green (88%)
- Blue (88%)



- Red (93%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (7%)




- Cyan (7%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9247, 0.3219, 0.3280 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 76.9247, 0.3219, 0.3280 by changing the saturation by 10% instead.


 76.9247, 0.3219,
0.3280

 76.9247, 0.3219,
0.3280

484.5073, 0.3177,
0.3285

 57.1911, 0.3229,
0.3279


129.0332, 0.3204,
0.3282

 41.1587, 0.3240,
0.3277


162.1768, 0.3199,
0.3282

 28.4431, 0.3255,
0.3276


200.5593, 0.3194,
0.3283

 18.6599, 0.3275,
0.3273

244.5649, 0.3190,
0.3283

 11.4248, 0.3301,
0.3270

294.5781, 0.3186,
0.3284

 6.3533, 0.3339,
0.3265

350.9833, 0.3183,

 3.0611, 0.3398,

0.3284

414.1649, 0.3180,
0.3285

0.3258

■ 1.1637, 0.3501,
0.3243

■ 0.0318, 0.8254,
0.1746

■ 76.9247, 0.3219,
0.3280

■ 76.9247, 0.3219,
0.3280

■ 63.8890, 0.3406,
0.3262

■ 91.9132, 0.3069,
0.3297

■ 52.7162, 0.3640,
0.3243

■ 96.9085, 0.3023,
0.3290

■ 43.3242, 0.3930,
0.3224

■ 35.6211, 0.4282,
0.3208

■ 29.5065, 0.4696,
0.3196

■ 24.8696, 0.5154,
0.3192

■ 21.5853, 0.5612,
0.3201

■ 19.5078, 0.6006,
0.3224

■ 18.4573, 0.6272,
0.3257

Harmonies

Analogous

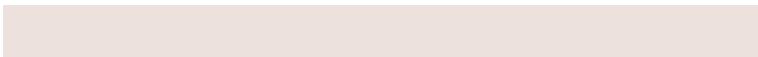
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9247, 0.3170, 0.3231



76.9247, 0.3219, 0.3280



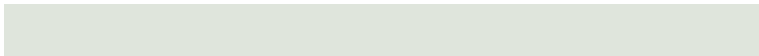
76.9247, 0.3244, 0.3332

Triad

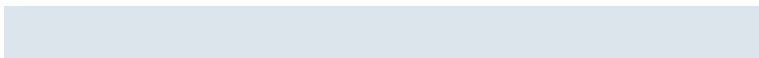
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9247, 0.3219, 0.3280



76.9247, 0.3144, 0.3385



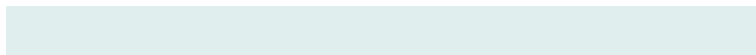
76.9247, 0.3019, 0.3206

Complementary

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



76.9247, 0.3219, 0.3280



83.0830, 0.3042, 0.3300

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.



76.9247, 0.3012, 0.3246



76.9247, 0.3219, 0.3280



76.9247, 0.3084, 0.3351

Square

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



76.9247, 0.3219, 0.3280



76.9247, 0.3200, 0.3394



76.9247, 0.3036, 0.3300



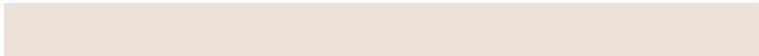
76.9247, 0.3054, 0.3188

Rectangle

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



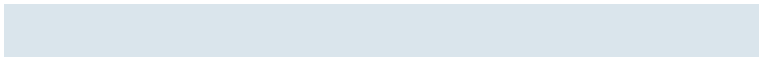
76.9247, 0.3219, 0.3280



76.9247, 0.3243, 0.3362



76.9247, 0.3036, 0.3300



76.9247, 0.3013, 0.3217

Sweetspot

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



76.9281, 0.3219, 0.3280



96.4876, 0.3157, 0.3287



77.4613, 0.3126, 0.3147



20.6891, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



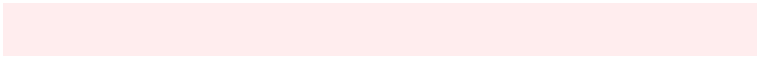
21.4041, 0.3127, 0.3290

Same Dimension

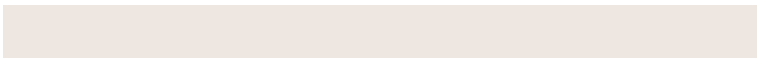
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9281, 0.3219, 0.3280



88.1127, 0.3239, 0.3278



80.0478, 0.3221, 0.3350



16.3372, 0.3249, 0.3277



10.1701, 0.6325, 0.3258



0.8523, 0.6138, 0.3155

Inverse Universe

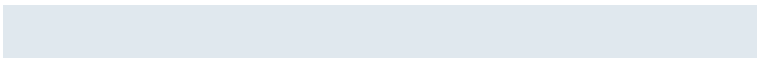
The Inverse Universe completely reimagines the original color for something new.



76.9281, 0.3219, 0.3280



88.1127, 0.3239, 0.3278



79.8166, 0.3037, 0.3229



16.3372, 0.3249, 0.3277



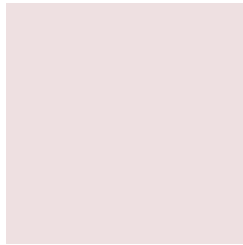
10.1701, 0.6325, 0.3258



0.8523, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 76.9247, 0.3219, 0.3280 looks on a white background.

Color Contrast Check

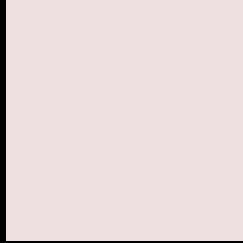
Large Text (above 18pt) WCAG AA × Fail

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 76.9247, 0.3219, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

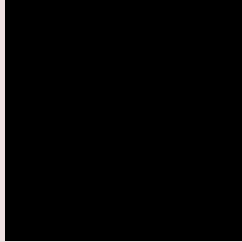
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

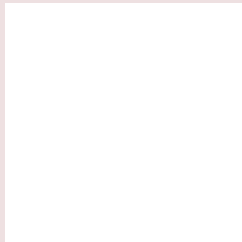
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9247, 0.3219, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 76.9247, 0.3219, 0.3280.

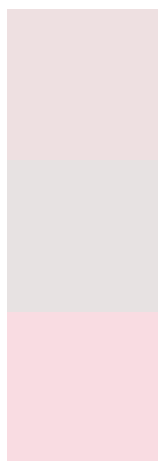


This preview shows how white text looks on a background with the Yxy color 76.9247, 0.3219, 0.3280.

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

76.9247, 0.3219, 0.3280

Protanopia

76.8726, 0.3162, 0.3290

Deuteranopia

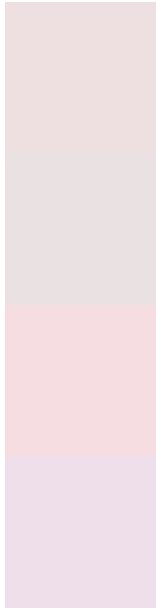
76.8171, 0.3296, 0.3230



Tritanopia

76.9998, 0.3142, 0.3117

Trichromacy



Original Color

76.9247, 0.3219, 0.3280

Protanomaly

76.8338, 0.3184, 0.3280

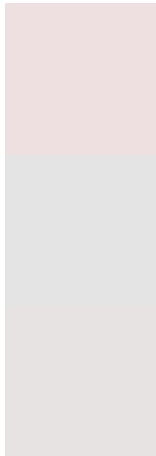
Deuteranomaly

76.6164, 0.3266, 0.3239

Tritanomaly

77.0666, 0.3168, 0.3177

Monochromacy



Original Color

76.9247, 0.3219, 0.3280

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.6400, 0.3162, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9247, 0.3219, 0.3280 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(238, 224, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 225)  
}
```

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(238, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.9247, 0.3219, 0.3280 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(238, 224, 225) }
```

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

```
.border{ border-color:rgb(238, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9247, 0.3219, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 225) }
```

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

```
.background{ background-color: rgb(238,  
224, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor