

Converting Colors

$Yxy(76.7278, 0.3271, 0.3388)$

Have a look what the booklet for
Yxy(76.7278, 0.3271, 0.3388)
contains.

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Color

Yxy(76.8128, 0.3272, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	EDE1D8
RGB	237, 225, 216
RGB Percent	93%, 88%, 85%
CMY	0.0705, 0.1176, 0.1530
CMYK	0.00, 0.05, 0.09, 0.07
HSL	26°, 37%, 89%
HSV	26°, 9%, 93%
XYZ	74.2486, 76.8128, 75.8597
YIQ	227.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

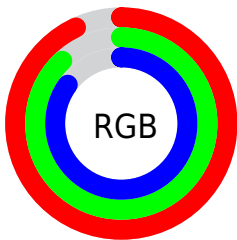
Format	Color
R _Y B	237, 232, 216
Decimal	15589848
CIE Lab	90.24, 2.58, 5.86
CIE LCh	90, 6.404, 66.258
Yxy	76.8128, 0.3272, 0.3385
Android (android.graphics.Color)	4293779928 (0xFFEDE1D8)
YUV	227.5620, -5.7001, 8.2771
Hunter-Lab	87.6429, -2.1550, 10.0313

Details

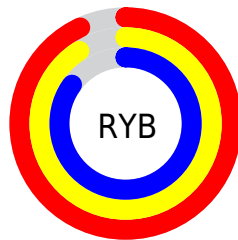
The Yxy color **76.8128, 0.3272, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1984, 0.2990, 0.3193**, and the grayscale version is **77.2866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1464, 0.3306, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **68.6441, 0.3460, 0.3498**, and if you desaturate by 10%, it is **85.7458, 0.3110, 0.3278**.

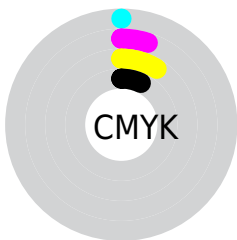
Distribution



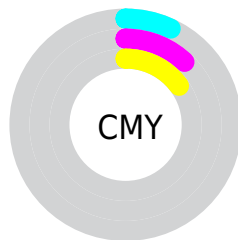
- Red (93%)
- Green (88%)
- Blue (85%)



- Red (93%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (7%)





- Cyan (7%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8128, 0.3272, 0.3385 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 76.8128, 0.3272, 0.3385 by changing the saturation by 10% instead.


 76.8128, 0.3272,
0.3385

 76.8128, 0.3272,
0.3385


484.1255, 0.3205,
0.3342

 57.0992, 0.3287,
0.3395


128.8752, 0.3249,
0.3370

 41.0849, 0.3306,
0.3407


161.9928, 0.3240,
0.3364

 28.3855, 0.3329,
0.3422


200.3473, 0.3232,
0.3359

 18.6164, 0.3360,
0.3441

244.3229, 0.3226,
0.3355

 11.3934, 0.3402,
0.3467

294.3042, 0.3220,
0.3351

 6.3321, 0.3462,
0.3504

350.6754, 0.3214,

 3.0481, 0.3555,

0.3348

413.8211, 0.3210,
0.3345

0.3561

■ 1.1569, 0.3726,
0.3664

■ 0.0261, 0.7710,
0.2290

■ 76.8128, 0.3272,
0.3385

■ 76.8128, 0.3272,
0.3385

■ 68.6441, 0.3460,
0.3498

■ 85.7458, 0.3110,
0.3278

■ 61.2085, 0.3676,
0.3615

■ 94.9013, 0.3018,
0.3261

■ 54.4875, 0.3922,
0.3733

■ 96.7493, 0.3018,
0.3290

■ 48.4579, 0.4198,
0.3843

■ 43.0951, 0.4497,
0.3937

■ 38.3728, 0.4808,
0.4002

■ 34.2624, 0.5113,
0.4025

■ 30.7320, 0.5388,
0.3995

■ 27.7420, 0.5616,
0.3914

Harmonies

Analogous

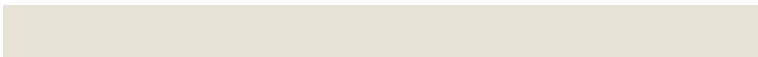
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8128, 0.3270, 0.3327



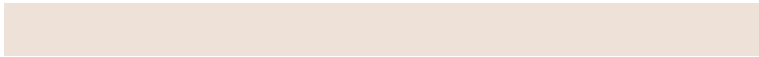
76.8128, 0.3272, 0.3385



76.8128, 0.3234, 0.3418

Triad

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



76.8128, 0.3272, 0.3385



76.8128, 0.3025, 0.3319



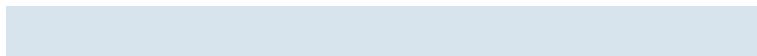
76.8128, 0.3085, 0.3167

Complementary

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



76.8128, 0.3272, 0.3385



76.1984, 0.2990, 0.3193

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.



76.8128, 0.3020, 0.3163



76.8128, 0.3272, 0.3385



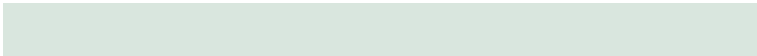
76.8128, 0.2986, 0.3250

Square

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



76.8128, 0.3272, 0.3385



76.8128, 0.3091, 0.3381



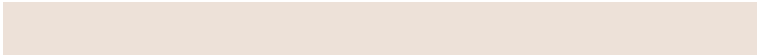
76.8128, 0.2984, 0.3194



76.8128, 0.3162, 0.3202

Rectangle

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



76.8128, 0.3272, 0.3385



76.8128, 0.3192, 0.3422



76.8128, 0.2984, 0.3194



76.8128, 0.3061, 0.3162

Sweetspot

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



76.8162, 0.3272, 0.3385



96.7603, 0.3174, 0.3322



72.7231, 0.3197, 0.3162



20.5283, 0.3187, 0.3330



0.0000, 0.0000, 0.0000



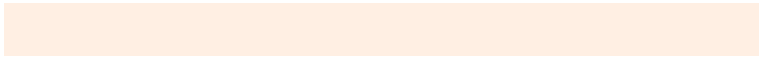
21.4041, 0.3127, 0.3290

Same Dimension

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



76.8162, 0.3272, 0.3385



88.5221, 0.3310, 0.3409



82.5390, 0.3261, 0.3491



16.1160, 0.3282, 0.3391



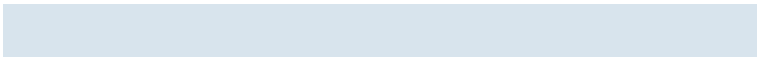
15.2248, 0.5612, 0.3926



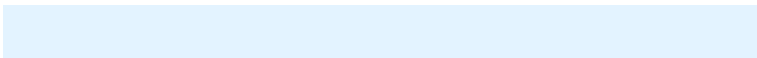
1.3830, 0.5369, 0.4119

Inverse Universe

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



76.1984, 0.2990, 0.3193



87.6286, 0.2956, 0.3168



70.7128, 0.2989, 0.3081



15.9776, 0.2981, 0.3186



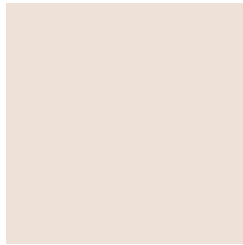
13.1244, 0.1840, 0.1824



1.2209, 0.1902, 0.2046

Previews

White Background



This preview shows how the Yxy color 76.8128, 0.3272, 0.3385 looks on a white background.

Color Contrast Check

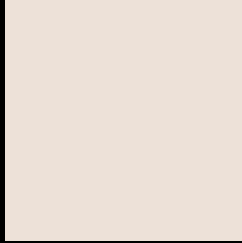
Large Text (above 18pt) WCAG AA × Fail

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 76.8128, 0.3272, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

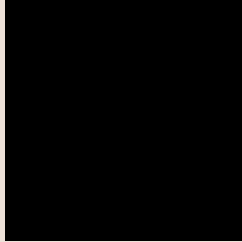
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

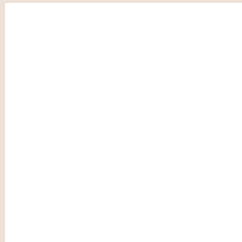
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8128, 0.3272, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 76.8128, 0.3272, 0.3385.

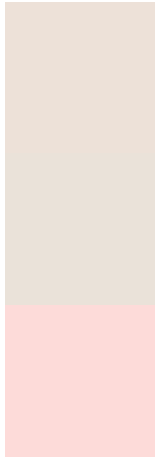


This preview shows how white text looks on a background with the Yxy color 76.8128, 0.3272, 0.3385.

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

76.8128, 0.3272, 0.3385

Protanopia

76.8949, 0.3242, 0.3385

Deuteranopia

76.5554, 0.3389, 0.3311



Tritanopia

76.9998, 0.3142, 0.3117

Trichromacy



Original Color

76.8128, 0.3272, 0.3385

Protanomaly

77.0646, 0.3250, 0.3385

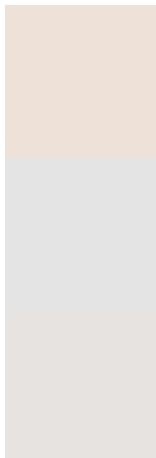
Deuteranomaly

76.4968, 0.3342, 0.3332

Tritanomaly

76.8956, 0.3187, 0.3208

Monochromacy



Original Color

76.8128, 0.3272, 0.3385

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3089, 0.3174, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8128, 0.3272, 0.3385 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(237, 225, 216)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 216)  
}
```

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(237, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 216) }
```

Border

The CSS property to change the border of an element to Yxy 76.8128, 0.3272, 0.3385 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(237, 225, 216) }
```

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

```
.border{ border-color:rgb(237, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
216) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 76.8128, 0.3272, 0.3385$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 216) }
```

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

```
.background{ background-color: rgb(237,  
225, 216) }
```

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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