

Converting Colors

$Yxy(76.4909, 0.3282, 0.3309)$

Have a look what the booklet for
Yxy(76.4909, 0.3282, 0.3309)
contains.

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Color

Yxy(76.2871, 0.3284, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	F2DEDC
RGB	242, 222, 220
RGB Percent	95%, 87%, 86%
CMY	0.0509, 0.1294, 0.1372
CMYK	0.00, 0.08, 0.09, 0.05
HSL	5°, 46%, 91%
HSV	5°, 9%, 95%
XYZ	75.6650, 76.2871, 78.4529
YIQ	227.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

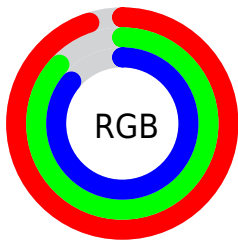
Format	Color
R _Y B	242, 222, 220
Decimal	15916764
CIE Lab	89.99, 6.54, 3.45
CIE LCh	90, 7.388, 27.801
Yxy	76.2871, 0.3284, 0.3311
Android (android.graphics.Color)	4294106844 (0xFFFF2DEDC)
YUV	227.7520, -3.8217, 12.4955
Hunter-Lab	87.3425, 1.7856, 7.8842

Details

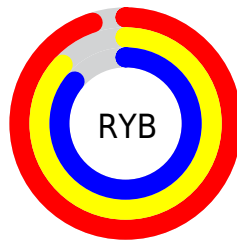
The Yxy color **76.2871, 0.3284, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.9739, 0.2987, 0.3269**, and the grayscale version is **77.4185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7931, 0.3323, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **64.1567, 0.3495, 0.3336**, and if you desaturate by 10%, it is **90.1373, 0.3113, 0.3288**.

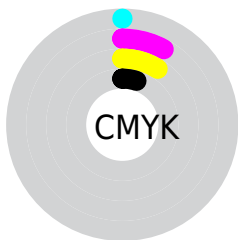
Distribution



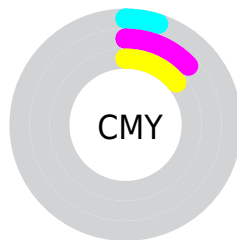
- Red (95%)
- Green (87%)
- Blue (86%)



- Red (95%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2871, 0.3284, 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 76.2871, 0.3284, 0.3311 by changing the saturation by 10% instead.

 76.2871, 0.3284,
0.3311

 76.2871, 0.3284,
0.3311


482.3299, 0.3212,
0.3302

 56.6680, 0.3300,
0.3313


128.1327, 0.3259,
0.3308

 40.7387, 0.3321,
0.3315


161.1279, 0.3249,
0.3307

 28.1150, 0.3346,
0.3318


199.3505, 0.3241,
0.3306

 18.4124, 0.3380,
0.3322

243.1851, 0.3234,
0.3305

 11.2464, 0.3426,
0.3327

293.0159, 0.3227,
0.3304

 6.2328, 0.3491,
0.3333

349.2274, 0.3221,

 2.9872, 0.3594,

0.3303

0.3341

412.2039, 0.3216,
0.3302

■ 1.1250, 0.3777,
0.3352

■ 0.0000, 1.0000,
0.0000

■ 76.2871, 0.3284,
0.3311

■ 76.2871, 0.3284,
0.3311

■ 64.1567, 0.3495,
0.3336

■ 90.1373, 0.3113,
0.3288

■ 53.6694, 0.3755,
0.3362

■ 97.6220, 0.3048,
0.3290

■ 44.7576, 0.4072,
0.3387

■ 37.3450, 0.4449,
0.3410

■ 31.3491, 0.4880,
0.3426

■ 26.6794, 0.5339,
0.3429

■ 23.2350, 0.5775,
0.3416

■ 20.9001, 0.6121,
0.3386

■ 19.5328, 0.6331,
0.3346

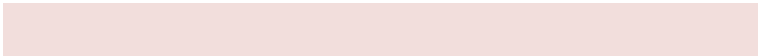
Harmonies

Analogous

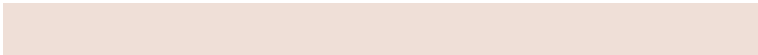
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2871, 0.3226, 0.3235



76.2871, 0.3284, 0.3311



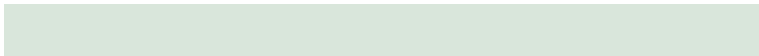
76.2871, 0.3299, 0.3383

Triad

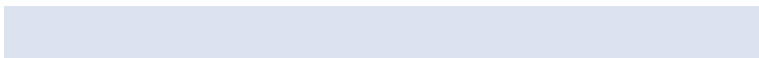
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2871, 0.3284, 0.3311



76.2871, 0.3110, 0.3411



76.2871, 0.2988, 0.3150

Complementary

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



76.2871, 0.3284, 0.3311



83.9739, 0.2987, 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.



76.2871, 0.2958, 0.3194



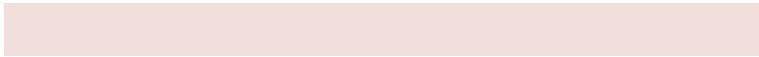
76.2871, 0.3284, 0.3311



76.2871, 0.3028, 0.3346

Square

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



76.2871, 0.3284, 0.3311



76.2871, 0.3198, 0.3442



76.2871, 0.2973, 0.3266



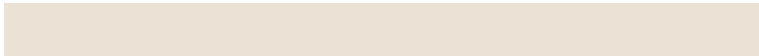
76.2871, 0.3055, 0.3143

Rectangle

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



76.2871, 0.3284, 0.3311



76.2871, 0.3283, 0.3419



76.2871, 0.2973, 0.3266



76.2871, 0.2973, 0.3161

Sweetspot

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



76.2905, 0.3284, 0.3311



95.1565, 0.3176, 0.3297



76.3764, 0.3150, 0.3085



20.0968, 0.3189, 0.3299



0.0000, 0.0000, 0.0000



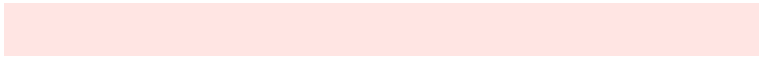
21.4041, 0.3127, 0.3290

Same Dimension

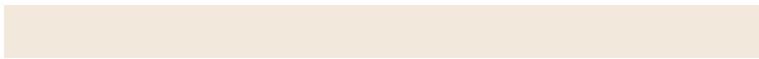
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2905, 0.3284, 0.3311



83.1082, 0.3321, 0.3316



82.2447, 0.3272, 0.3422



15.9880, 0.3291, 0.3312



10.5285, 0.6331, 0.3355



0.9535, 0.6173, 0.3480

Inverse Universe

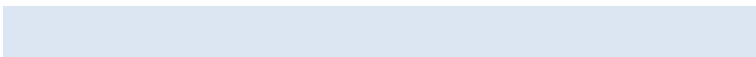
The Inverse Universe completely reimagines the original color for something new.



83.9739, 0.2987, 0.3269



93.4588, 0.2957, 0.3264



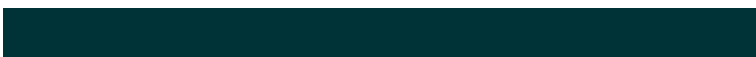
77.7700, 0.2986, 0.3154



17.6708, 0.2981, 0.3268



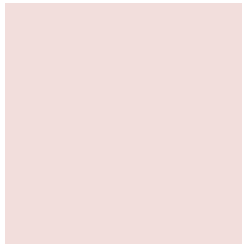
31.0947, 0.2168, 0.3005



2.6576, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 76.2871, 0.3284, 0.3311 looks on a white background.

Color Contrast Check

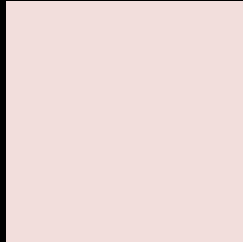
Large Text (above 18pt) WCAG AA × Fail

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 76.2871, 0.3284, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

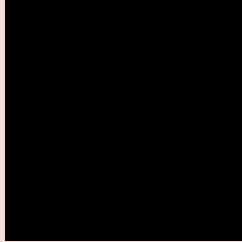
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

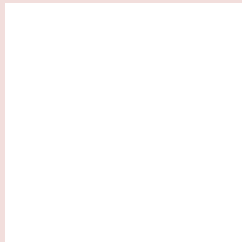
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2871, 0.3284, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 76.2871, 0.3284, 0.3311.

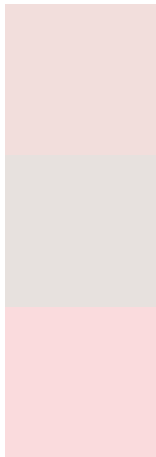


This preview shows how white text looks on a background with the Yxy color 76.2871, 0.3284, 0.3311.

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

76.2871, 0.3284, 0.3311

Protanopia

76.1133, 0.3189, 0.3322

Deuteranopia

76.2075, 0.3339, 0.3270



Tritanopia

76.0106, 0.3186, 0.3107

Trichromacy



Original Color

76.2871, 0.3284, 0.3311

Protanomaly

76.1939, 0.3225, 0.3322

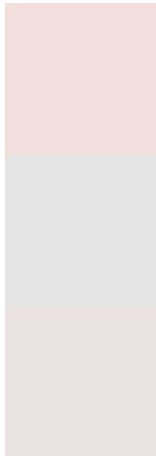
Deuteranomaly

76.1810, 0.3316, 0.3280

Tritanomaly

76.0106, 0.3218, 0.3178

Monochromacy



Original Color

76.2871, 0.3284, 0.3311

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1526, 0.3183, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2871, 0.3284, 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(242, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(242, 222, 220)  
}
```

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(242, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 222, 220) }
```

Border

The CSS property to change the border of an element to Yxy 76.2871, 0.3284, 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(242, 222, 220) }
```

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

```
.border{ border-color:rgb(242, 222, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 222,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2871, 0.3284, 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(242, 222, 220) }
```

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

```
.background{ background-color: rgb(242,  
222, 220) }
```

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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