

Converting Colors

$Yxy(76.4203, 0.3306, 0.3447)$

Have a look what the booklet for
Yxy(76.4203, 0.3306, 0.3447)
contains.

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Color

Yxy(76.3364, 0.3305, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	ECE1D2
RGB	236, 225, 210
RGB Percent	93%, 88%, 82%
CMY	0.0745, 0.1176, 0.1765
CMYK	0.00, 0.05, 0.11, 0.07
HSL	35°, 41%, 87%
HSV	35°, 11%, 93%
XYZ	73.1493, 76.3364, 71.8434
YIQ	226.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

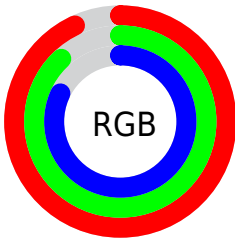
Format	Color
R _Y B	229, 236, 210
Decimal	15524306
CIE Lab	90.02, 1.24, 8.67
CIE LCh	90, 8.758, 81.839
Yxy	76.3364, 0.3305, 0.3449
Android (android.graphics.Color)	4293714386 (0xFFECE1D2)
YUV	226.5790, -8.1734, 8.2622
Hunter-Lab	87.3707, -3.4534, 12.4064

Details

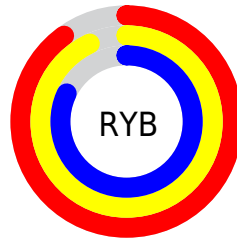
The Yxy color **76.3364, 0.3305, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4614, 0.2955, 0.3126**, and the grayscale version is **76.5502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8530, 0.3341, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **70.0113, 0.3487, 0.3601**, and if you desaturate by 10%, it is **83.1569, 0.3143, 0.3304**.

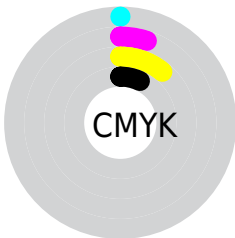
Distribution



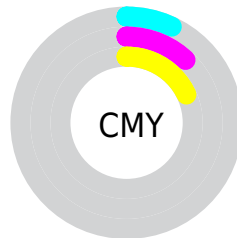
- Red (93%)
- Green (88%)
- Blue (82%)



- Red (90%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3364, 0.3305, 0.3449 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 76.3364, 0.3305, 0.3449 by changing the saturation by 10% instead.

76.3364, 0.3305,
0.3449

76.3364, 0.3305,
0.3449

482.4985, 0.3223,
0.3376

56.7084, 0.3324,
0.3465

128.2023, 0.3277,
0.3424

40.7712, 0.3346,
0.3486

161.2090, 0.3266,
0.3414

28.1403, 0.3375,
0.3511

199.4441, 0.3256,
0.3406

18.4315, 0.3413,
0.3544

243.2919, 0.3248,
0.3398

11.2602, 0.3464,
0.3589

293.1368, 0.3241,
0.3392

6.2421, 0.3537,
0.3652

349.3633, 0.3234,

2.9929, 0.3650,

0.3386

0.3750

412.3557, 0.3228,
0.3381

■ 1.1280, 0.3906,
0.3976

■ 0.0017, 0.9497,
0.0503

■ 76.3364, 0.3305,
0.3449

■ 76.3364, 0.3305,
0.3449

■ 70.0113, 0.3487,
0.3601

■ 83.1569, 0.3143,
0.3304

■ 64.1586, 0.3690,
0.3756

■ 90.3331, 0.3012,
0.3190

■ 58.7681, 0.3912,
0.3910

■ 96.5317, 0.3011,
0.3289

■ 53.8253, 0.4148,
0.4053

■ 96.5733, 0.3011,
0.3290

■ 49.3147, 0.4393,
0.4176

■ 45.2197, 0.4634,
0.4265

■ 41.5216, 0.4859,
0.4310

■ 38.1993, 0.5054,
0.4301

■ 35.5097, 0.5201,
0.4252

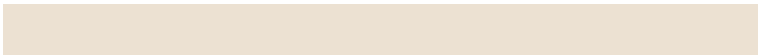
Harmonies

Analogous

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



76.3364, 0.3332, 0.3384



76.3364, 0.3305, 0.3449



76.3364, 0.3230, 0.3472

Triad

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



76.3364, 0.3305, 0.3449



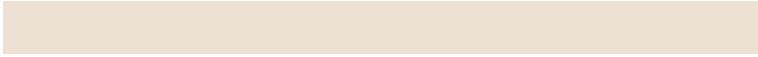
76.3364, 0.2954, 0.3280



76.3364, 0.3124, 0.3142

Complementary

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



76.3364, 0.3305, 0.3449



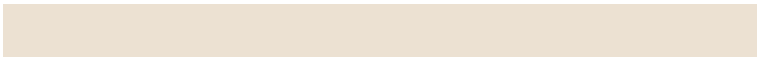
71.4614, 0.2955, 0.3126

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.



76.3364, 0.3023, 0.3114



76.3364, 0.3305, 0.3449



76.3364, 0.2927, 0.3191

Square

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



76.3364, 0.3305, 0.3449



76.3364, 0.3027, 0.3374



76.3364, 0.2952, 0.3131



76.3364, 0.3226, 0.3208

Rectangle

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



76.3364, 0.3305, 0.3449



76.3364, 0.3163, 0.3459



76.3364, 0.2952, 0.3131



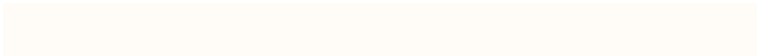
76.3364, 0.3088, 0.3128

Sweetspot

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



76.3398, 0.3305, 0.3449



97.4711, 0.3173, 0.3332



69.1554, 0.3243, 0.3171



20.7201, 0.3186, 0.3344



0.0000, 0.0000, 0.0000



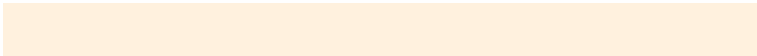
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3398, 0.3305, 0.3449



89.4288, 0.3340, 0.3479



82.1829, 0.3279, 0.3563



16.4983, 0.3278, 0.3426



19.8350, 0.5180, 0.4269



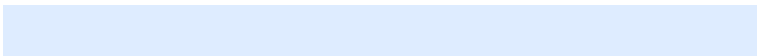
1.7474, 0.5006, 0.4407

Inverse Universe

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



71.4614, 0.2955, 0.3126



82.6379, 0.2923, 0.3093



66.0999, 0.2966, 0.3004



15.5955, 0.2980, 0.3150



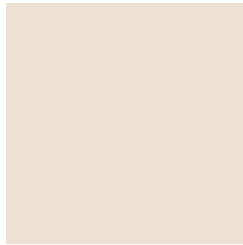
8.5807, 0.1704, 0.1333



0.8606, 0.1779, 0.1604

Previews

White Background



This preview shows how the Yxy color 76.3364, 0.3305, 0.3449 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 76.3364, 0.3305, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

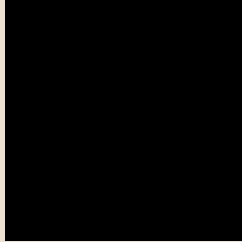
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

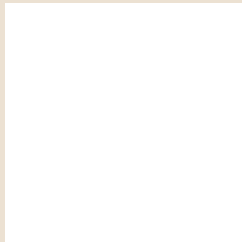
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3364, 0.3305, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 76.3364, 0.3305, 0.3449.

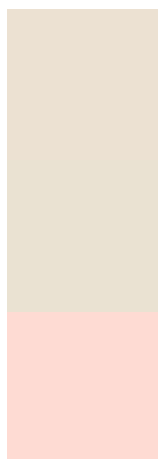


This preview shows how white text looks on a background with the Yxy color 76.3364, 0.3305, 0.3449.

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

76.3364, 0.3305, 0.3449

Protanopia

76.5383, 0.3289, 0.3460

Deuteranopia

76.4370, 0.3439, 0.3372



Tritanopia

76.4112, 0.3149, 0.3116

Trichromacy



Original Color

76.3364, 0.3305, 0.3449

Protanomaly

76.7080, 0.3296, 0.3460

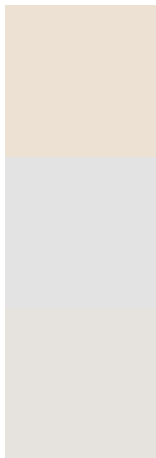
Deuteranomaly

76.1902, 0.3384, 0.3394

Tritanomaly

76.1947, 0.3208, 0.3228

Monochromacy



Original Color

76.3364, 0.3305, 0.3449

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4362, 0.3188, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3364, 0.3305, 0.3449 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(236, 225, 210)` looks like.

```
.text, #text, p{  
    color:rgb(236, 225, 210)  
}
```

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(236, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 225, 210) }
```

Border

The CSS property to change the border of an element to Yxy 76.3364, 0.3305, 0.3449 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(236, 225, 210) }
```

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

```
.border{ border-color:rgb(236, 225, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 225, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(236, 225,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3364, 0.3305, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 225, 210) }
```

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

```
.background{ background-color: rgb(236,  
225, 210) }
```

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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