

Converting Colors

$Yxy(76.3676, 0.3271, 0.3406)$

Have a look what the booklet for
Yxy(76.3676, 0.3271, 0.3406)
contains.

Yxy(76.3676, 0.3271, 0.3406)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.3676, 0.3271, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	EBE1D6
RGB	235, 225, 214
RGB Percent	92%, 88%, 84%
CMY	0.0782, 0.1177, 0.1607
CMYK	0.00, 0.04, 0.09, 0.08
HSL	31°, 35%, 88%
HSV	31°, 9%, 92%
XYZ	73.3407, 76.3676, 74.5066
YIQ	226.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

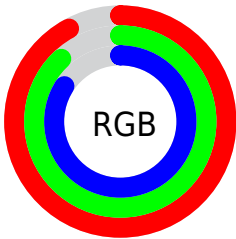
Format	Color
R _Y B	233, 235, 214
Decimal	15458774
CIE Lab	90.03, 1.58, 6.57
CIE LCh	90, 6.756, 76.472
Yxy	76.3676, 0.3271, 0.3406
Android (android.graphics.Color)	4293648854 (0xFFEBE1D6)
YUV	226.7360, -6.2788, 7.2475
Hunter-Lab	87.3886, -3.1242, 10.6219

Details

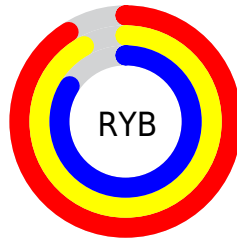
The Yxy color **76.3676, 0.3271, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6656, 0.2989, 0.3171**, and the grayscale version is **76.6636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8364, 0.3305, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **69.3677, 0.3453, 0.3543**, and if you desaturate by 10%, it is **83.9489, 0.3111, 0.3277**.

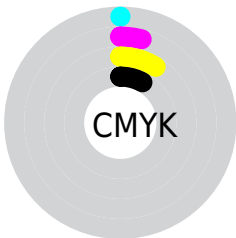
Distribution



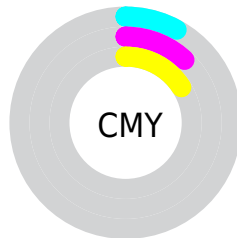
- Red (92%)
- Green (88%)
- Blue (84%)



- Red (91%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3676, 0.3271, 0.3406 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 76.3676, 0.3271, 0.3406 by changing the saturation by 10% instead.

76.3676, 0.3271,
0.3406

76.3676, 0.3271,
0.3406

482.6051, 0.3205,
0.3353

56.7340, 0.3286,
0.3418

128.2464, 0.3248,
0.3388

40.7917, 0.3305,
0.3433

161.2604, 0.3239,
0.3381

28.1564, 0.3328,
0.3451

199.5033, 0.3232,
0.3374

18.4436, 0.3359,
0.3475

243.3594, 0.3225,
0.3369

11.2689, 0.3400,
0.3508

293.2133, 0.3219,
0.3364

6.2480, 0.3459,
0.3554

349.4493, 0.3214,

2.9965, 0.3552,

0.3360

0.3625

412.4518, 0.3209,
0.3356

■ 1.1299, 0.3734,
0.3767

■ 0.0033, 0.9268,
0.0732

■ 76.3676, 0.3271,
0.3406

■ 76.3676, 0.3271,
0.3406

■ 69.3677, 0.3453,
0.3543

■ 83.9489, 0.3111,
0.3277

■ 62.9240, 0.3658,
0.3683

■ 91.7213, 0.3006,
0.3215

■ 57.0242, 0.3886,
0.3824

■ 96.4127, 0.3006,
0.3290

■ 51.6515, 0.4136,
0.3957

■ 46.7880, 0.4400,
0.4073

■ 42.4147, 0.4668,
0.4158

■ 38.5106, 0.4925,
0.4201

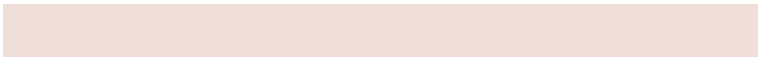
■ 35.0521, 0.5155,
0.4191

■ 32.0081, 0.5347,
0.4128

Harmonies

Analogous

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



76.3676, 0.3284, 0.3352



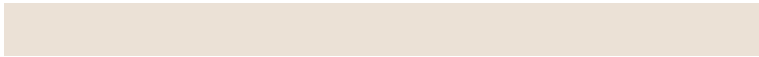
76.3676, 0.3271, 0.3406



76.3676, 0.3219, 0.3430

Triad

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



76.3676, 0.3271, 0.3406



76.3676, 0.3001, 0.3296



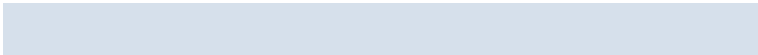
76.3676, 0.3110, 0.3169

Complementary

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



76.3676, 0.3271, 0.3406



73.6656, 0.2989, 0.3171

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.



76.3676, 0.3035, 0.3153



76.3676, 0.3271, 0.3406



76.3676, 0.2973, 0.3225

Square

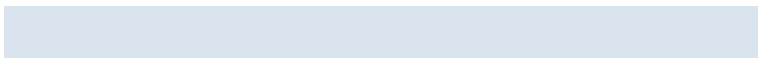
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3676, 0.3271, 0.3406



76.3676, 0.3063, 0.3366



76.3676, 0.2985, 0.3173



76.3676, 0.3191, 0.3216

Rectangle

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



76.3676, 0.3271, 0.3406



76.3676, 0.3170, 0.3424



76.3676, 0.2985, 0.3173



76.3676, 0.3083, 0.3160

Sweetspot

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



76.3709, 0.3271, 0.3406



97.2015, 0.3174, 0.3328



71.1690, 0.3212, 0.3183



20.6473, 0.3186, 0.3339



0.0000, 0.0000, 0.0000



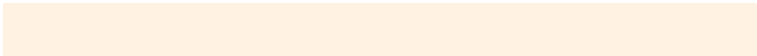
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3709, 0.3271, 0.3406



90.0491, 0.3307, 0.3434



81.9213, 0.3258, 0.3510



16.3527, 0.3280, 0.3413



17.8950, 0.5343, 0.4139



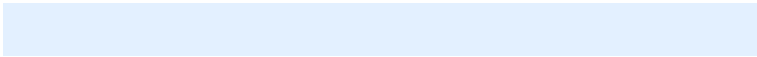
1.5977, 0.5141, 0.4300

Inverse Universe

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



73.6656, 0.2989, 0.3171



86.0897, 0.2955, 0.3142



68.4580, 0.2991, 0.3060



15.7393, 0.2981, 0.3164



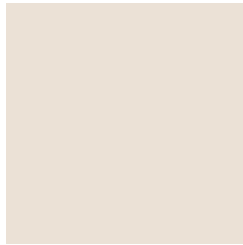
10.1085, 0.1753, 0.1511



0.9854, 0.1825, 0.1768

Previews

White Background



This preview shows how the Yxy color 76.3676, 0.3271, 0.3406 looks on a white background.

Color Contrast Check

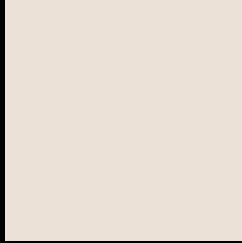
Large Text (above 18pt) WCAG AA × Fail

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 76.3676, 0.3271, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

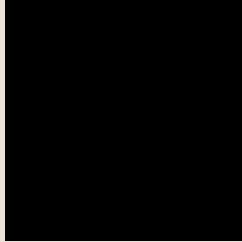
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

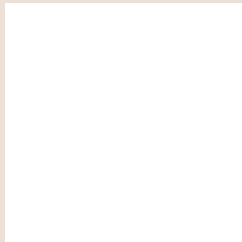
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3676, 0.3271, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 76.3676, 0.3271, 0.3406.

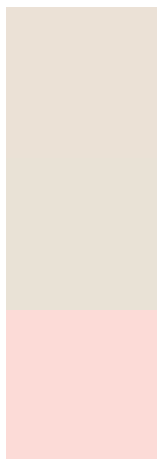


This preview shows how white text looks on a background with the Yxy color 76.3676, 0.3271, 0.3406.

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

76.3676, 0.3271, 0.3406

Protanopia

76.5714, 0.3255, 0.3417

Deuteranopia

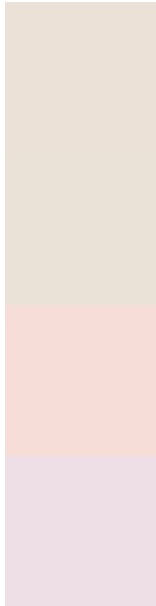
76.2648, 0.3396, 0.3332



Tritanopia

76.2956, 0.3136, 0.3106

Trichromacy



Original Color

76.3676, 0.3271, 0.3406

Protanomaly

76.7402, 0.3262, 0.3417

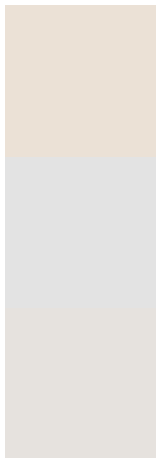
Deuteranomaly

76.2120, 0.3349, 0.3353

Tritanomaly

76.1329, 0.3188, 0.3207

Monochromacy



Original Color

76.3676, 0.3271, 0.3406

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4896, 0.3181, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3676, 0.3271, 0.3406 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(235, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 214)  
}
```

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(235, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 214) }
```

Border

The CSS property to change the border of an element to Yxy 76.3676, 0.3271, 0.3406 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(235, 225, 214) }
```

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

```
.border{ border-color:rgb(235, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 225,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3676, 0.3271, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 214) }
```

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

```
.background{ background-color: rgb(235,  
225, 214) }
```

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