

Converting Colors

$Yxy(77.0414, 0.3277, 0.3406)$

Have a look what the booklet for
Yxy(77.0414, 0.3277, 0.3406)
contains.

Yxy(77.3035, 0.3277, 0.3406)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.3035, 0.3277, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2D7
RGB	237, 226, 215
RGB Percent	93%, 89%, 84%
CMY	0.0707, 0.1136, 0.1569
CMYK	0.00, 0.05, 0.09, 0.07
HSL	30°, 38%, 89%
HSV	30°, 9%, 93%
XYZ	74.3757, 77.3035, 75.2835
YIQ	228.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

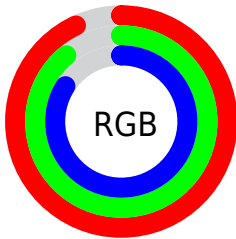
Format	Color
R _Y B	237, 237, 215
Decimal	15590103
CIE Lab	90.46, 1.87, 6.70
CIE LCh	90, 6.957, 74.424
Yxy	77.3035, 0.3277, 0.3406
Android (android.graphics.Color)	4293780183 (0xFFEDE2D7)
YUV	228.0350, -6.4263, 7.8623
Hunter-Lab	87.9224, -2.8668, 10.7786

Details

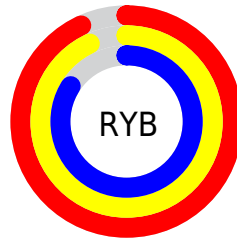
The Yxy color **77.3035, 0.3277, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9124, 0.2984, 0.3171**, and the grayscale version is **77.6504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4876, 0.3313, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **69.9769, 0.3461, 0.3538**, and if you desaturate by 10%, it is **85.2550, 0.3116, 0.3281**.

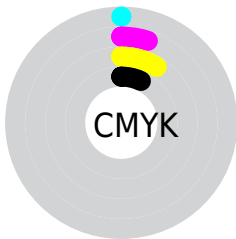
Distribution



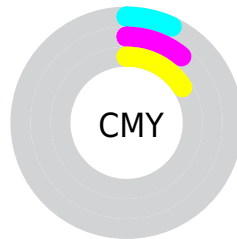
- Red (93%)
- Green (89%)
- Blue (84%)



- Red (93%)
- Yellow (93%)
- Blue (84%)



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



- Cyan (7%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3035, 0.3277, 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 77.3035, 0.3277, 0.3406 by changing the saturation by 10% instead.

77.3035, 0.3277,
0.3406

77.3035, 0.3277,
0.3406

485.7982, 0.3208,
0.3353

57.5020, 0.3293,
0.3418

129.5678, 0.3253,
0.3388

41.4084, 0.3312,
0.3433

162.7994, 0.3244,
0.3381

28.6384, 0.3336,
0.3451

201.2765, 0.3236,
0.3375

18.8074, 0.3368,
0.3475

245.3835, 0.3229,
0.3369

11.5312, 0.3410,
0.3507

295.5048, 0.3223,
0.3364

6.4253, 0.3472,
0.3552

352.0247, 0.3217,

3.1054, 0.3566,

0.3360

0.3622

415.3277, 0.3213,
0.3357

■ 1.1870, 0.3744,
0.3752

■ 0.0510, 0.6484,
0.3516

■ 77.3035, 0.3277,
0.3406

■ 77.3035, 0.3277,
0.3406

■ 69.9769, 0.3461,
0.3538

■ 85.2550, 0.3116,
0.3281

■ 63.2486, 0.3669,
0.3674

■ 93.3522, 0.3017,
0.3237

■ 57.1048, 0.3902,
0.3810

■ 96.7376, 0.3017,
0.3290

■ 51.5274, 0.4158,
0.3938

■ 46.4970, 0.4429,
0.4049

■ 41.9930, 0.4706,
0.4129

■ 37.9925, 0.4973,
0.4165

■ 34.4701, 0.5211,
0.4149

■ 31.3919, 0.5410,
0.4081

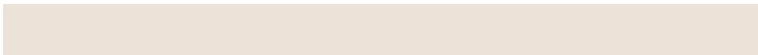
Harmonies

Analogous

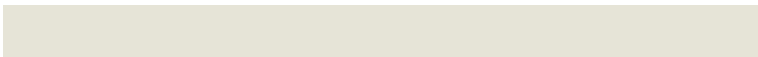
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3035, 0.3287, 0.3349



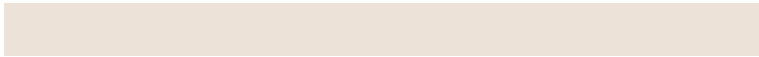
77.3035, 0.3277, 0.3406



77.3035, 0.3226, 0.3433

Triad

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



77.3035, 0.3277, 0.3406



77.3035, 0.3002, 0.3301



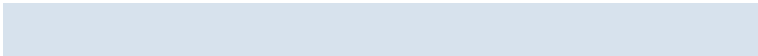
77.3035, 0.3104, 0.3164

Complementary

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



77.3035, 0.3277, 0.3406



74.9124, 0.2984, 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.



77.3035, 0.3028, 0.3150



77.3035, 0.3277, 0.3406



77.3035, 0.2970, 0.3228

Square

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



77.3035, 0.3277, 0.3406



77.3035, 0.3067, 0.3372



77.3035, 0.2979, 0.3173



77.3035, 0.3187, 0.3210

Rectangle

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



77.3035, 0.3277, 0.3406



77.3035, 0.3176, 0.3429



77.3035, 0.2979, 0.3173



77.3035, 0.3077, 0.3155

Sweetspot

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



77.3069, 0.3277, 0.3406



97.1106, 0.3174, 0.3327



72.0832, 0.3213, 0.3175



20.6228, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



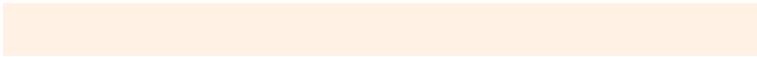
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3069, 0.3277, 0.3406



89.7330, 0.3308, 0.3429



83.4483, 0.3265, 0.3518



16.3037, 0.3280, 0.3408



17.2940, 0.5399, 0.4095



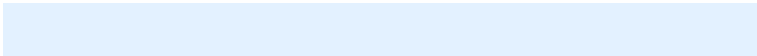
1.5505, 0.5187, 0.4263

Inverse Universe

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



74.9124, 0.2984, 0.3171



86.4046, 0.2955, 0.3147



69.1538, 0.2983, 0.3051



15.7881, 0.2981, 0.3169



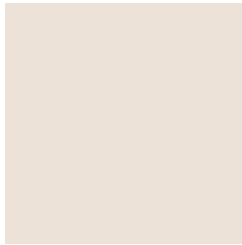
10.6768, 0.1770, 0.1573



1.0308, 0.1840, 0.1825

Previews

White Background



This preview shows how the Yxy color 77.3035, 0.3277, 0.3406 looks on a white background.

Color Contrast Check

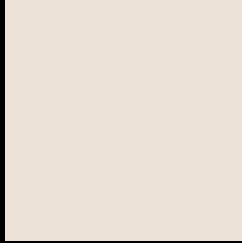
Large Text (above 18pt) WCAG AA × Fail

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 77.3035, 0.3277, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

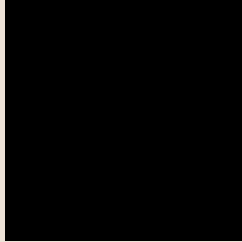
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

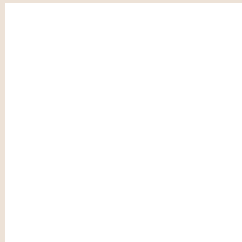
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3035, 0.3277, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 77.3035, 0.3277, 0.3406.

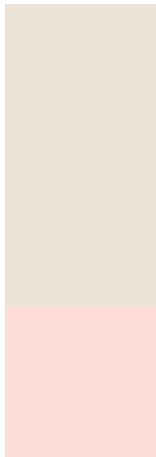


This preview shows how white text looks on a background with the Yxy color 77.3035, 0.3277, 0.3406.

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

77.3035, 0.3277, 0.3406

Protanopia

77.5066, 0.3262, 0.3417

Deuteranopia

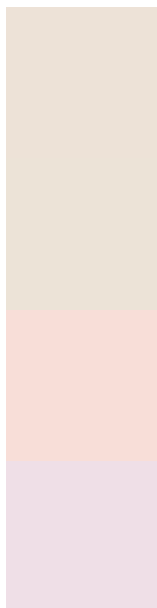
77.2151, 0.3402, 0.3331



Tritanopia

77.0591, 0.3136, 0.3107

Trichromacy



Original Color

77.3035, 0.3277, 0.3406

Protanomaly

77.6773, 0.3269, 0.3416

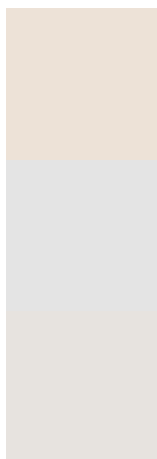
Deuteranomaly

77.1569, 0.3355, 0.3352

Tritanomaly

76.8956, 0.3187, 0.3208

Monochromacy



Original Color

77.3035, 0.3277, 0.3406

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.2548, 0.3181, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3035, 0.3277, 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(237, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 215)  
}
```

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, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 215) }
```

Border

The CSS property to change the border of an element to Yxy 77.3035, 0.3277, 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(237, 226, 215) }
```

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

```
.border{ border-color:rgb(237, 226, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3035, 0.3277, 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(237, 226, 215) }
```

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

```
.background{ background-color: rgb(237,  
226, 215) }
```

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