

Converting Colors

$Y_{xy}(77.2662, 0.3276, 0.3430)$

Have a look what the booklet for
Yxy(77.2662, 0.3276, 0.3430)
contains.

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Color

Yxy(77.4044, 0.3275, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	EBE3D5
RGB	235, 227, 213
RGB Percent	92%, 89%, 84%
CMY	0.0785, 0.1098, 0.1647
CMYK	0.00, 0.03, 0.09, 0.08
HSL	38°, 35%, 88%
HSV	38°, 9%, 92%
XYZ	73.7346, 77.4044, 74.0047
YIQ	227.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

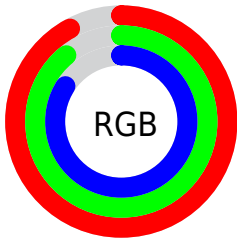
Format	Color
R_{YB}	226, 235, 213
Decimal	15459285
CIE Lab	90.51, 0.34, 7.79
CIE LCh	91, 7.796, 87.494
Yxy	77.4044, 0.3275, 0.3438
Android (android.graphics.Color)	4293649365 (0xFFE3D5)
YUV	227.7960, -7.2944, 6.3179
Hunter-Lab	87.9798, -4.3664, 11.7137

Details

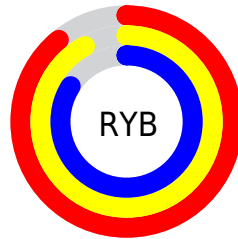
The Yxy color **77.4044, 0.3275, 0.3438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8383, 0.2982, 0.3137**, and the grayscale version is **77.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5574, 0.3311, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **71.7551, 0.3450, 0.3604**, and if you desaturate by 10%, it is **83.4638, 0.3117, 0.3280**.

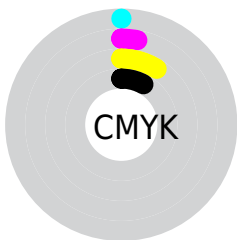
Distribution



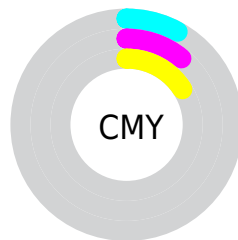
- Red (92%)
- Green (89%)
- Blue (84%)



- Red (89%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.4044, 0.3275, 0.3438 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 77.4044, 0.3275, 0.3438 by changing the saturation by 10% instead.

■ 77.4044, 0.3275,
0.3438

■ 77.4044, 0.3275,
0.3438

486.1417, 0.3207,
0.3370

■ 57.5848, 0.3290,
0.3453

129.7102, 0.3252,
0.3415

■ 41.4750, 0.3309,
0.3472

162.9652, 0.3242,
0.3406

■ 28.6904, 0.3333,
0.3496

201.4675, 0.3235,
0.3398

■ 18.8467, 0.3364,
0.3527

245.6014, 0.3228,
0.3391

■ 11.5596, 0.3406,
0.3568

295.7514, 0.3222,
0.3385

■ 6.4446, 0.3465,
0.3628

352.3019, 0.3216,

■ 3.1172, 0.3557,

0.3379

0.3719

415.6372, 0.3212,
0.3375

■ 1.1932, 0.3740,
0.3900

■ 0.0562, 0.5235,
0.4765

■ 77.4044, 0.3275,
0.3438

■ 77.4044, 0.3275,
0.3438

■ 71.7551, 0.3450,
0.3604

■ 83.4638, 0.3117,
0.3280

■ 66.4952, 0.3642,
0.3774

■ 89.6073, 0.3005,
0.3181

■ 61.6165, 0.3850,
0.3942

■ 94.8528, 0.3005,
0.3266

■ 57.1072, 0.4068,
0.4101

■ 96.3984, 0.3005,
0.3290

■ 52.9543, 0.4290,
0.4241

■ 49.1436, 0.4507,
0.4349

■ 45.6597, 0.4707,
0.4414

■ 42.4843, 0.4879,
0.4428

■ 39.5912, 0.5019,
0.4393

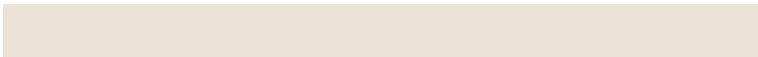
Harmonies

Analogous

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



77.4044, 0.3308, 0.3387



77.4044, 0.3275, 0.3438



77.4044, 0.3202, 0.3450

Triad

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



77.4044, 0.3275, 0.3438



77.4044, 0.2966, 0.3266



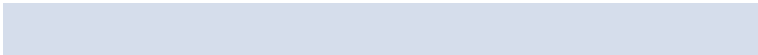
77.4044, 0.3142, 0.3168

Complementary

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



77.4044, 0.3275, 0.3438



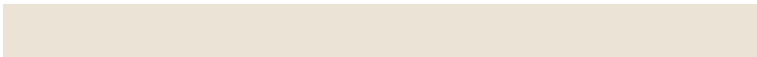
71.8383, 0.2982, 0.3137

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.



77.4044, 0.3051, 0.3135



77.4044, 0.3275, 0.3438



77.4044, 0.2950, 0.3190

Square

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



77.4044, 0.3275, 0.3438



77.4044, 0.3024, 0.3349



77.4044, 0.2981, 0.3143



77.4044, 0.3230, 0.3231

Rectangle

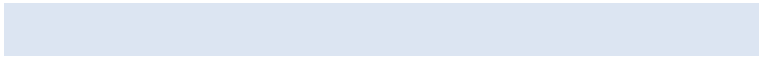
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4044, 0.3275, 0.3438



77.4044, 0.3142, 0.3433



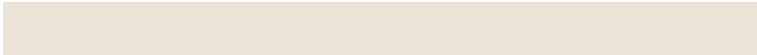
77.4044, 0.2981, 0.3143



77.4044, 0.3111, 0.3153

Sweetspot

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



77.4078, 0.3275, 0.3438



97.7607, 0.3173, 0.3337



70.4711, 0.3234, 0.3205



20.7983, 0.3186, 0.3349



0.0000, 0.0000, 0.0000



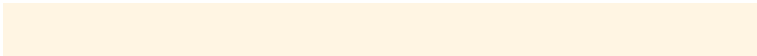
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4078, 0.3275, 0.3438



92.0075, 0.3303, 0.3466



81.3720, 0.3246, 0.3521



16.6555, 0.3277, 0.3440



22.1899, 0.5010, 0.4404



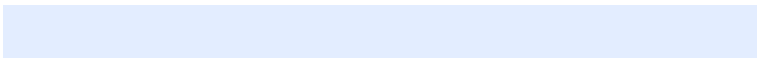
1.9240, 0.4868, 0.4517

Inverse Universe

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



71.8383, 0.2982, 0.3137



84.1785, 0.2955, 0.3108



68.1744, 0.3002, 0.3051



15.4427, 0.2980, 0.3136



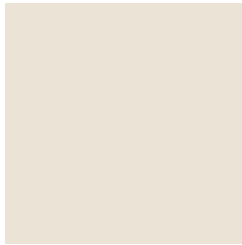
7.1903, 0.1655, 0.1159



0.7418, 0.1732, 0.1435

Previews

White Background



This preview shows how the Yxy color 77.4044, 0.3275, 0.3438 looks on a white background.

Color Contrast Check

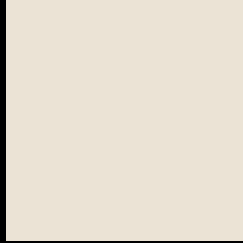
Large Text (above 18pt) WCAG AA × Fail

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 77.4044, 0.3275, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

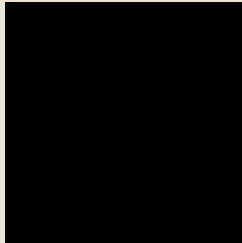
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

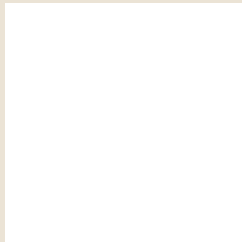
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4044, 0.3275, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 77.4044, 0.3275, 0.3438.

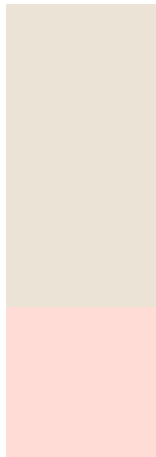


This preview shows how white text looks on a background with the Yxy color 77.4044, 0.3275, 0.3438.

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

77.4044, 0.3275, 0.3438

Protanopia

77.4044, 0.3275, 0.3438

Deuteranopia

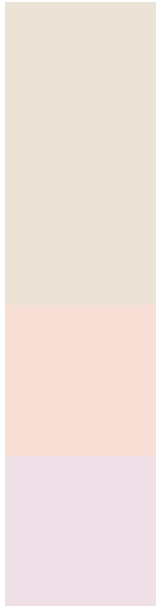
77.3014, 0.3424, 0.3351



Tritanopia

77.4173, 0.3128, 0.3116

Trichromacy



Original Color

77.4044, 0.3275, 0.3438

Protanomaly

77.4044, 0.3275, 0.3438

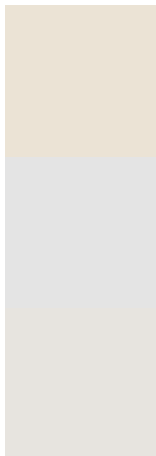
Deuteranomaly

77.5869, 0.3368, 0.3383

Tritanomaly

77.2016, 0.3186, 0.3228

Monochromacy



Original Color

77.4044, 0.3275, 0.3438

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.8034, 0.3180, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4044, 0.3275, 0.3438 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, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 213)  
}
```

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, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 213) }
```

Border

The CSS property to change the border of an element to Yxy 77.4044, 0.3275, 0.3438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

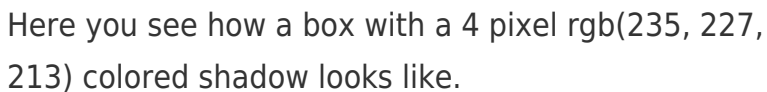
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 227, 213) }
```

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

```
.border{ border-color:rgb(235, 227, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
213) }
```


Background

The CSS property to change the background color of an element to `rgb(77.4044, 0.3275, 0.3438)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 213) }
```

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

```
.background{ background-color: rgb(235,  
227, 213) }
```

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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