

Converting Colors

$Yxy(77.2854, 0.3384, 0.3576)$

Have a look what the booklet for
Yxy(77.2854, 0.3384, 0.3576)
contains.

Yxy(77.2854, 0.3384, 0.3576)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.2854, 0.3384, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	EEE3C8
RGB	238, 227, 200
RGB Percent	93%, 89%, 78%
CMY	0.0669, 0.1097, 0.2157
CMYK	0.00, 0.05, 0.16, 0.07
HSL	43°, 53%, 86%
HSV	43°, 16%, 93%
XYZ	73.1358, 77.2854, 65.7012
YIQ	227.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

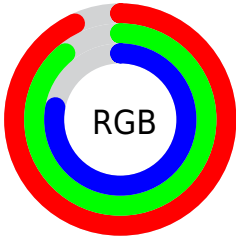
Format	Color
R _Y B	215, 238, 200
Decimal	15655880
CIE Lab	90.45, -0.67, 14.53
CIE LCh	90, 14.549, 92.642
Yxy	77.2854, 0.3384, 0.3576
Android (android.graphics.Color)	4293845960 (0xFFEEE3C8)
YUV	227.2110, -13.4150, 9.4620
Hunter-Lab	87.9121, -5.3485, 17.2280

Details

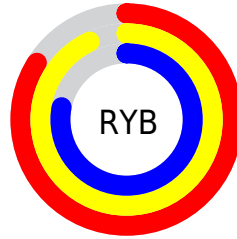
The Yxy color **77.2854, 0.3384, 0.3576** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.9834, 0.2873, 0.2987**, and the grayscale version is **77.0642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5255, 0.3444, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **72.5948, 0.3563, 0.3763**, and if you desaturate by 10%, it is **82.3045, 0.3219, 0.3394**.

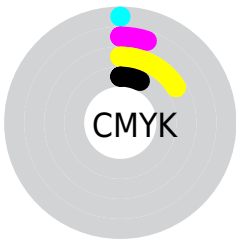
Distribution



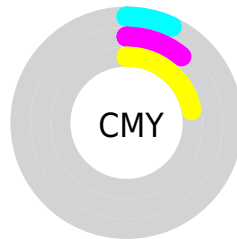
- Red (93%)
- Green (89%)
- Blue (78%)



- Red (84%)
- Yellow (93%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2854, 0.3384, 0.3576 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 77.2854, 0.3384, 0.3576 by changing the saturation by 10% instead.

■ 77.2854, 0.3384,
0.3576

■ 77.2854, 0.3384,
0.3576

485.7366, 0.3267,
0.3445

■ 57.4871, 0.3410,
0.3606

129.5423, 0.3344,
0.3531

■ 41.3965, 0.3443,
0.3642

162.7697, 0.3328,
0.3513

■ 28.6290, 0.3484,
0.3688

201.2423, 0.3314,
0.3498

■ 18.8004, 0.3537,
0.3747

245.3444, 0.3302,
0.3485

■ 11.5261, 0.3608,
0.3827

295.4605, 0.3292,
0.3473

■ 6.4219, 0.3707,
0.3940

351.9750, 0.3282,

■ 3.1033, 0.3857,

0.3463

0.4110

415.2722, 0.3274,
0.3453

■ 1.1859, 0.4365,
0.4674

■ 0.0501, 0.3842,
0.6158

■ 77.2854, 0.3384,
0.3576

■ 77.2854, 0.3384,
0.3576

■ 72.5948, 0.3563,
0.3763

■ 82.3045, 0.3219,
0.3394

■ 68.2128, 0.3754,
0.3951

■ 87.6510, 0.3068,
0.3221

■ 64.1323, 0.3952,
0.4130

■ 92.2371, 0.3024,
0.3216

■ 60.3424, 0.4151,
0.4292

■ 96.5078, 0.3023,
0.3284

■ 56.8307, 0.4342,
0.4426

■ 96.9050, 0.3023,
0.3290

■ 53.5838, 0.4516,
0.4520

■ 50.5860, 0.4665,
0.4567

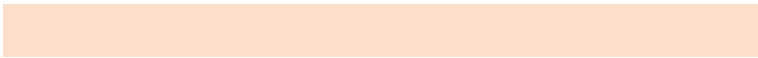
■ 47.8184, 0.4782,
0.4563

■ 46.7502, 0.4823,
0.4552

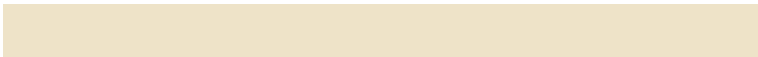
Harmonies

Analogous

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



77.2854, 0.3462, 0.3488



77.2854, 0.3384, 0.3576



77.2854, 0.3238, 0.3587

Triad

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



77.2854, 0.3384, 0.3576



77.2854, 0.2817, 0.3214



77.2854, 0.3183, 0.3081

Complementary

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



77.2854, 0.3384, 0.3576



64.9834, 0.2873, 0.2987

Split Complementary

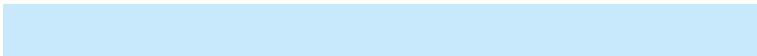
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2854, 0.3011, 0.3010



77.2854, 0.3384, 0.3576



77.2854, 0.2803, 0.3082

Square

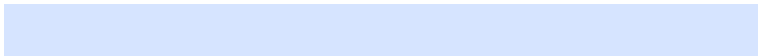
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2854, 0.3384, 0.3576



77.2854, 0.2912, 0.3374



77.2854, 0.2873, 0.3009



77.2854, 0.3344, 0.3204

Rectangle

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



77.2854, 0.3384, 0.3576



77.2854, 0.3122, 0.3547



77.2854, 0.2873, 0.3009



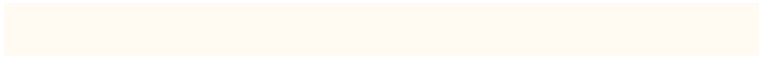
77.2854, 0.3125, 0.3051

Sweetspot

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



77.2888, 0.3384, 0.3576



96.8905, 0.3204, 0.3378



64.1924, 0.3342, 0.3169



20.6467, 0.3215, 0.3390



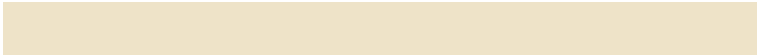
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

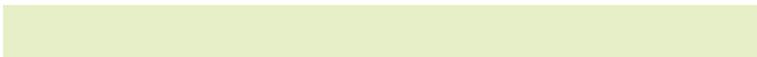
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2888, 0.3384, 0.3576



88.6998, 0.3439, 0.3634



82.1579, 0.3313, 0.3693



17.6468, 0.3275, 0.3458



26.3314, 0.4811, 0.4562



2.3599, 0.4710, 0.4642

Inverse Universe

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



64.9834, 0.2873, 0.2987



71.8552, 0.2820, 0.2920



60.8235, 0.2922, 0.2868



15.9685, 0.2980, 0.3117



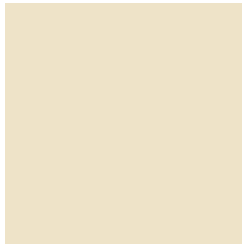
5.9681, 0.1603, 0.0969



0.6607, 0.1673, 0.1224

Previews

White Background



This preview shows how the Yxy color 77.2854, 0.3384, 0.3576 looks on a white background.

Color Contrast Check

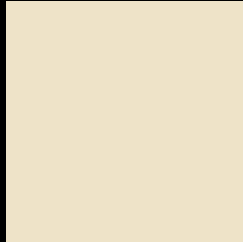
Large Text (above 18pt) WCAG AA × Fail

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 77.2854, 0.3384, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

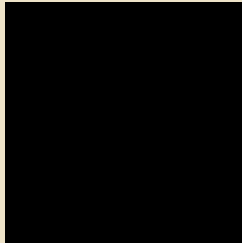
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

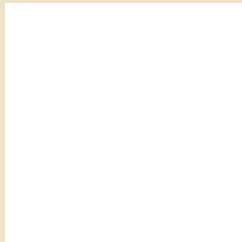
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2854, 0.3384, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 77.2854, 0.3384, 0.3576.

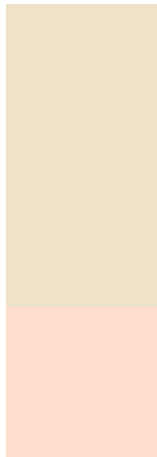


This preview shows how white text looks on a background with the Yxy color 77.2854, 0.3384, 0.3576.

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

77.2854, 0.3384, 0.3576

Protanopia

77.2854, 0.3384, 0.3576

Deuteranopia

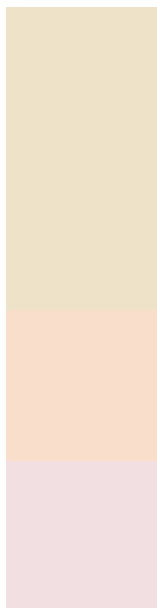
77.3807, 0.3486, 0.3453



Tritanopia

76.9996, 0.3164, 0.3107

Trichromacy



Original Color

77.2854, 0.3384, 0.3576

Protanomaly

77.2854, 0.3384, 0.3576

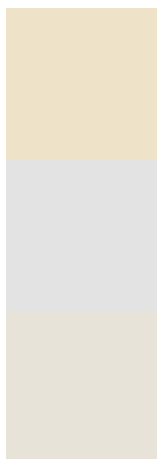
Deuteranomaly

77.2269, 0.3452, 0.3497

Tritanomaly

76.9124, 0.3242, 0.3270

Monochromacy



Original Color

77.2854, 0.3384, 0.3576

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9368, 0.3220, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2854, 0.3384, 0.3576 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(238, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 200)  
}
```

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(238, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 200) }
```

Border

The CSS property to change the border of an element to Yxy 77.2854, 0.3384, 0.3576 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(238, 227, 200) }
```

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

```
.border{ border-color:rgb(238, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2854, 0.3384, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 200) }
```

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

```
.background{ background-color: rgb(238,  
227, 200) }
```

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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