

Converting Colors

$Yxy(77.0782, 0.3272, 0.3392)$

Have a look what the booklet for
Yxy(77.0782, 0.3272, 0.3392)
contains.

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Color

Yxy(77.3551, 0.3271, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2D8
RGB	237, 226, 216
RGB Percent	93%, 89%, 85%
CMY	0.0704, 0.1138, 0.1530
CMYK	0.00, 0.05, 0.09, 0.07
HSL	28°, 37%, 89%
HSV	28°, 9%, 93%
XYZ	74.5298, 77.3551, 75.9652
YIQ	228.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

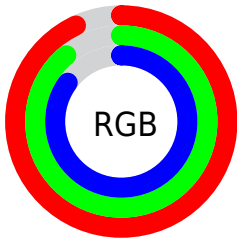
Format	Color
R _Y B	237, 235, 216
Decimal	15590104
CIE Lab	90.48, 2.08, 6.21
CIE LCh	90, 6.551, 71.450
Yxy	77.3551, 0.3271, 0.3395
Android (android.graphics.Color)	4293780184 (0xFFE2D8)
YUV	228.1490, -5.9895, 7.7623
Hunter-Lab	87.9517, -2.6558, 10.3566

Details

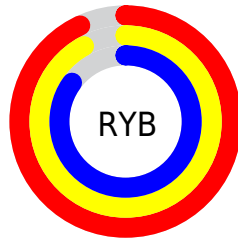
The Yxy color **77.3551, 0.3271, 0.3395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6911, 0.2990, 0.3183**, and the grayscale version is **77.7440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5228, 0.3305, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **69.6878, 0.3456, 0.3520**, and if you desaturate by 10%, it is **85.6985, 0.3110, 0.3277**.

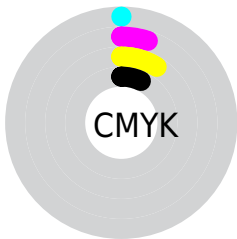
Distribution



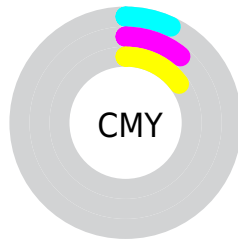
- Red (93%)
- Green (89%)
- Blue (85%)



- Red (93%)
- Yellow (92%)
- Blue (85%)



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





- Cyan (7%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3551, 0.3271, 0.3395 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 77.3551, 0.3271, 0.3395 by changing the saturation by 10% instead.


 77.3551, 0.3271,
0.3395

 77.3551, 0.3271,
0.3395


485.9739, 0.3205,
0.3347

 57.5444, 0.3286,
0.3406


129.6406, 0.3248,
0.3379

 41.4425, 0.3304,
0.3419


162.8842, 0.3239,
0.3372

 28.6650, 0.3328,
0.3436


201.3742, 0.3232,
0.3367

 18.8275, 0.3358,
0.3457

245.4949, 0.3225,
0.3362

 11.5457, 0.3399,
0.3486

295.6309, 0.3219,
0.3357

 6.4352, 0.3458,
0.3527

352.1665, 0.3214,

 3.1114, 0.3549,

0.3354

0.3590

415.4860, 0.3209,
0.3350

■ 1.1902, 0.3716,
0.3703

■ 0.0537, 0.6550,
0.3450

■ 77.3551, 0.3271,
0.3395

■ 77.3551, 0.3271,
0.3395

■ 69.6878, 0.3456,
0.3520

■ 85.6985, 0.3110,
0.3277

■ 62.6685, 0.3666,
0.3649

■ 94.1716, 0.3018,
0.3249

■ 56.2819, 0.3904,
0.3778

■ 96.7546, 0.3018,
0.3290

■ 50.5079, 0.4166,
0.3900

■ 45.3256, 0.4448,
0.4004

■ 40.7123, 0.4737,
0.4080

■ 36.6433, 0.5019,
0.4112

■ 33.0912, 0.5272,
0.4092

■ 30.0206, 0.5484,
0.4019

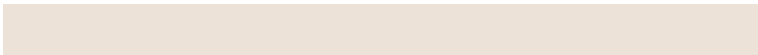
Harmonies

Analogous

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



77.3551, 0.3277, 0.3339



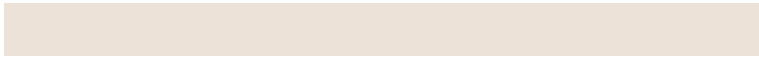
77.3551, 0.3271, 0.3395



77.3551, 0.3226, 0.3424

Triad

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



77.3551, 0.3271, 0.3395



77.3551, 0.3014, 0.3308



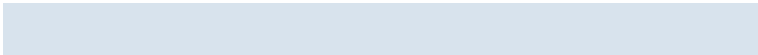
77.3551, 0.3098, 0.3168

Complementary

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



77.3551, 0.3271, 0.3395



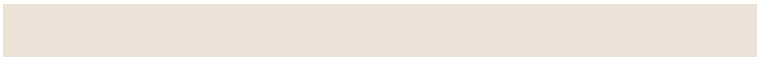
75.6911, 0.2990, 0.3183

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.



77.3551, 0.3028, 0.3159



77.3551, 0.3271, 0.3395



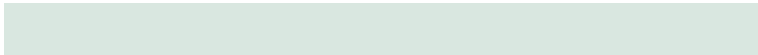
77.3551, 0.2980, 0.3238

Square

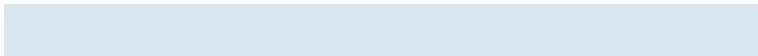
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3551, 0.3271, 0.3395



77.3551, 0.3078, 0.3373



77.3551, 0.2985, 0.3184



77.3551, 0.3176, 0.3209

Rectangle

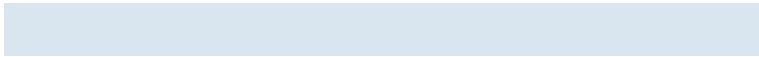
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3551, 0.3271, 0.3395



77.3551, 0.3181, 0.3423



77.3551, 0.2985, 0.3184



77.3551, 0.3072, 0.3161

Sweetspot

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



77.3585, 0.3271, 0.3395



96.9783, 0.3174, 0.3325



72.6833, 0.3204, 0.3173



20.5871, 0.3187, 0.3334



0.0000, 0.0000, 0.0000



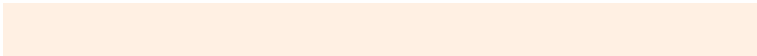
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3585, 0.3271, 0.3395



89.2746, 0.3309, 0.3421



83.1686, 0.3260, 0.3501



16.2327, 0.3281, 0.3402



16.4675, 0.5480, 0.4031



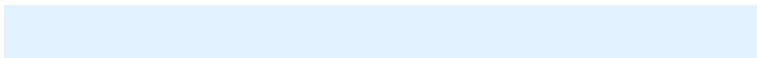
1.4845, 0.5256, 0.4209

Inverse Universe

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



75.6911, 0.2990, 0.3183



86.8647, 0.2956, 0.3155



70.1868, 0.2989, 0.3070



15.8594, 0.2981, 0.3175



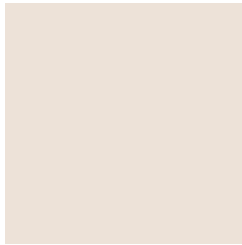
11.5519, 0.1796, 0.1666



1.0996, 0.1863, 0.1908

Previews

White Background



This preview shows how the Yxy color 77.3551, 0.3271, 0.3395 looks on a white background.

Color Contrast Check

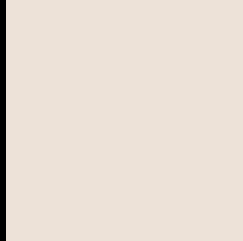
Large Text (above 18pt) WCAG AA × Fail

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 77.3551, 0.3271, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

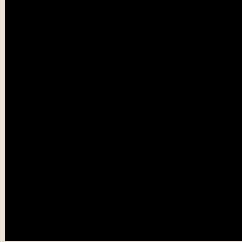
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

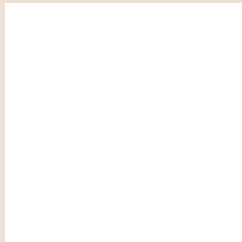
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3551, 0.3271, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 77.3551, 0.3271, 0.3395.

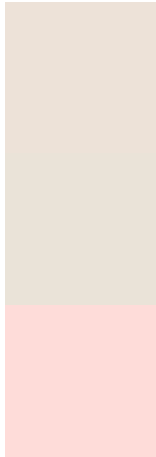


This preview shows how white text looks on a background with the Yxy color 77.3551, 0.3271, 0.3395.

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

77.3551, 0.3271, 0.3395

Protanopia

77.3885, 0.3248, 0.3406

Deuteranopia

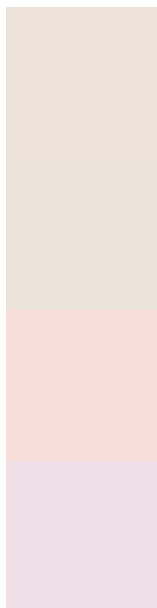
77.2670, 0.3395, 0.3321



Tritanopia

77.0591, 0.3136, 0.3107

Trichromacy



Original Color

77.3551, 0.3271, 0.3395

Protanomaly

77.5582, 0.3255, 0.3406

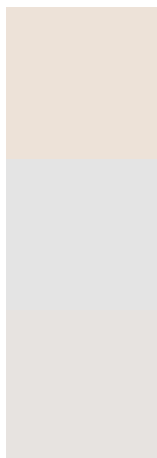
Deuteranomaly

77.2088, 0.3348, 0.3342

Tritanomaly

76.8956, 0.3187, 0.3208

Monochromacy



Original Color

77.3551, 0.3271, 0.3395

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3089, 0.3174, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3551, 0.3271, 0.3395 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 216) }
```

Border

The CSS property to change the border of an element to Yxy 77.3551, 0.3271, 0.3395 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, 216) }
```

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

```
.border{ border-color:rgb(237, 226, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
216) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.3551, 0.3271, 0.3395$ 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, 216) }
```

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

```
.background{ background-color: rgb(237,  
226, 216) }
```

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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