

Converting Colors

Yxy(77.3403, 0.3341, 0.3468)

Have a look what the booklet for
Yxy(77.3403, 0.3341, 0.3468)
contains.

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Color

Yxy(77.5214, 0.3339, 0.3468)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F0E2D1 |
| RGB | 240, 226, 209 |
| RGB Percent | 94%, 89%, 82% |
| CMY | 0.0589, 0.1137, 0.1802 |
| CMYK | 0.00, 0.06, 0.13, 0.06 |
| HSL | 33°, 51%, 88% |
| HSV | 33°, 13%, 94% |
| XYZ | 74.6378, 77.5214, 71.3742 |
| YIQ | 228.2480, 13.8010, -2.3190 |

Conversions

Conversions Part 2

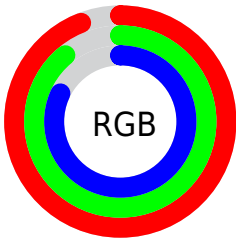
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 240, 209 |
| Decimal | 15786705 |
| CIE Lab | 90.56, 1.98, 9.99 |
| CIE LCh | 91, 10.184, 78.800 |
| Yxy | 77.5214, 0.3339, 0.3468 |
| Android (android.graphics.Color) | 4293976785 (0xFFFF0E2D1) |
| YUV | 228.2480, -9.4893, 10.3065 |
| Hunter-Lab | 88.0462, -2.7644, 13.5692 |

Details

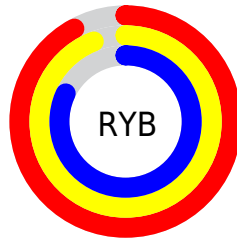
The Yxy color **77.5214, 0.3339, 0.3468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6288, 0.2925, 0.3105**, and the grayscale version is **77.8389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.6827, 0.3386, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **70.7166, 0.3528, 0.3614**, and if you desaturate by 10%, it is **84.8844, 0.3172, 0.3329**.

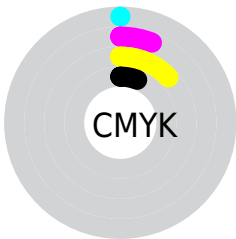
Distribution



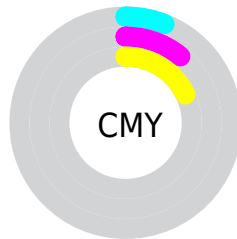
- Red (94%)
- Green (89%)
- Blue (82%)



- Red (92%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.5214, 0.3339, 0.3468 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 77.5214, 0.3339, 0.3468 by changing the saturation by 10% instead.


 77.5214, 0.3339,
0.3468

 77.5214, 0.3339,
0.3468


486.5399, 0.3242,
0.3387

 57.6809, 0.3361,
0.3486


129.8752, 0.3305,
0.3440

 41.5522, 0.3388,
0.3509


163.1574, 0.3292,
0.3429

 28.7508, 0.3422,
0.3537


201.6888, 0.3281,
0.3420

 18.8924, 0.3467,
0.3573

245.8540, 0.3271,
0.3412

 11.5925, 0.3527,
0.3622

296.0373, 0.3263,
0.3404

 6.4669, 0.3612,
0.3690

352.6231, 0.3255,

 3.1310, 0.3744,

0.3398

0.3794

415.9959, 0.3248,
0.3392

■ 1.2005, 0.4036,
0.4033

■ 0.0621, 0.6334,
0.3666

■ 77.5214, 0.3339,
0.3468

■ 77.5214, 0.3339,
0.3468

■ 70.7166, 0.3528,
0.3614

■ 84.8844, 0.3172,
0.3329

■ 64.4450, 0.3739,
0.3762

■ 92.6778, 0.3036,
0.3218

■ 58.6943, 0.3970,
0.3908

■ 97.2613, 0.3035,
0.3290

■ 53.4481, 0.4218,
0.4042

■ 48.6885, 0.4474,
0.4153

■ 44.3964, 0.4727,
0.4229

■ 40.5505, 0.4962,
0.4257

■ 37.1263, 0.5164,
0.4231

■ 34.9270, 0.5287,
0.4184

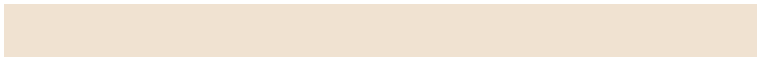
Harmonies

Analogous

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



77.5214, 0.3364, 0.3389



77.5214, 0.3339, 0.3468



77.5214, 0.3257, 0.3501

Triad

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



77.5214, 0.3339, 0.3468



77.5214, 0.2934, 0.3289



77.5214, 0.3110, 0.3114

Complementary

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



77.5214, 0.3339, 0.3468



72.6288, 0.2925, 0.3105

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.



77.5214, 0.2997, 0.3086



77.5214, 0.3339, 0.3468



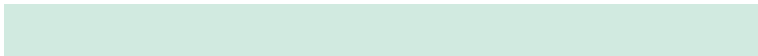
77.5214, 0.2896, 0.3184

Square

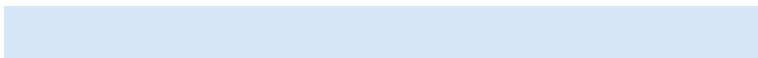
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5214, 0.3339, 0.3468



77.5214, 0.3023, 0.3397



77.5214, 0.2919, 0.3111



77.5214, 0.3231, 0.3187

Rectangle

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



77.5214, 0.3339, 0.3468



77.5214, 0.3181, 0.3490



77.5214, 0.2919, 0.3111



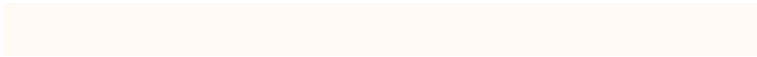
77.5214, 0.3070, 0.3099

Sweetspot

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



77.5248, 0.3339, 0.3468



96.4575, 0.3189, 0.3344



69.4942, 0.3258, 0.3139



20.5058, 0.3201, 0.3354



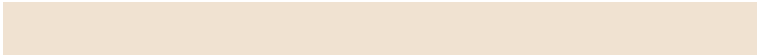
0.0000, 0.0000, 0.0000



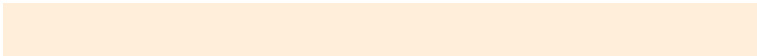
21.4041, 0.3127, 0.3290

Same Dimension

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



77.5248, 0.3339, 0.3468



87.2501, 0.3378, 0.3499



85.2536, 0.3313, 0.3610



17.1962, 0.3279, 0.3420



19.3933, 0.5265, 0.4202



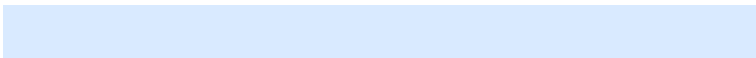
1.8119, 0.5085, 0.4345

Inverse Universe

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



72.6288, 0.2925, 0.3105



80.7891, 0.2890, 0.3072



65.6211, 0.2929, 0.2950



16.4039, 0.2980, 0.3157



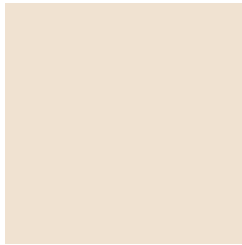
9.6128, 0.1728, 0.1420



0.9958, 0.1798, 0.1672

Previews

White Background



This preview shows how the Yxy color 77.5214, 0.3339, 0.3468 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 77.5214, 0.3339, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

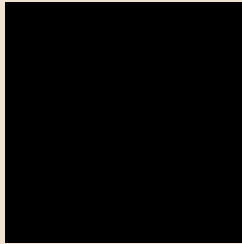
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

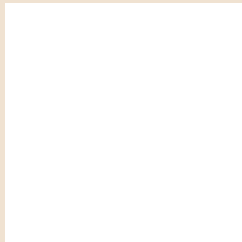
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.5214, 0.3339, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 77.5214, 0.3339, 0.3468.

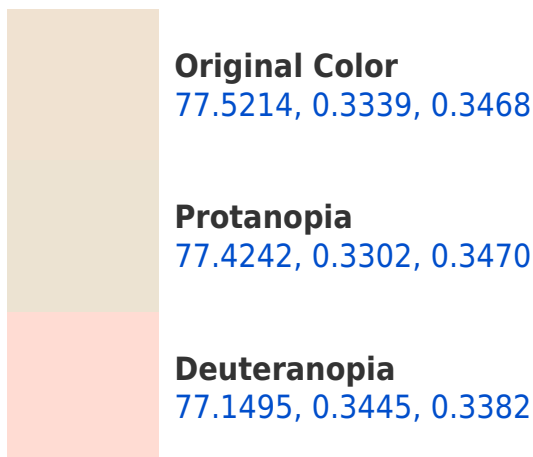


This preview shows how white text looks on a background with the Yxy color 77.5214, 0.3339, 0.3468.

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

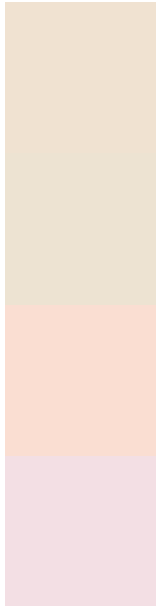




Tritanopia

77.7076, 0.3170, 0.3118

Trichromacy



Original Color

77.5214, 0.3339, 0.3468

Protanomaly

77.5958, 0.3310, 0.3469

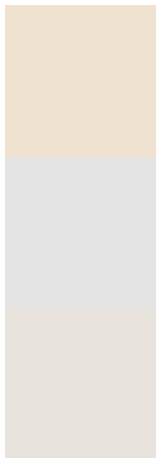
Deuteranomaly

77.2197, 0.3412, 0.3414

Tritanomaly

77.4315, 0.3236, 0.3239

Monochromacy



Original Color

77.5214, 0.3339, 0.3468

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3144, 0.3201, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5214, 0.3339, 0.3468 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(240, 226, 209)` looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 209)  
}
```

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(240, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 209) }
```

Border

The CSS property to change the border of an element to Yxy 77.5214, 0.3339, 0.3468 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(240, 226, 209) }
```

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

```
.border{ border-color:rgb(240, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 209);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
209) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.5214, 0.3339, 0.3468$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 209) }
```

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

```
.background{ background-color: rgb(240,  
226, 209) }
```

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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