

Converting Colors

$Y_{xy}(77.4531, 0.3365, 0.3465)$

Have a look what the booklet for
Yxy(77.4531, 0.3365, 0.3465)
contains.

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Color

Yxy(77.4592, 0.3370, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	F3E1D0
RGB	243, 225, 208
RGB Percent	95%, 88%, 82%
CMY	0.0468, 0.1177, 0.1842
CMYK	0.00, 0.07, 0.14, 0.05
HSL	29°, 60%, 88%
HSV	29°, 14%, 95%
XYZ	75.2920, 77.4592, 70.6673
YIQ	228.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

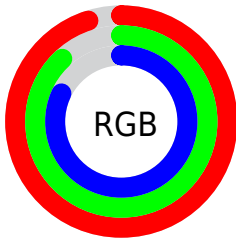
Format	Color
R _Y B	243, 241, 208
Decimal	15983056
CIE Lab	90.53, 3.44, 10.52
CIE LCh	91, 11.066, 71.862
Yxy	77.4592, 0.3370, 0.3467
Android (android.graphics.Color)	4294173136 (0xFFFF3E1D0)
YUV	228.4440, -10.0789, 12.7656
Hunter-Lab	88.0109, -1.3150, 14.0015

Details

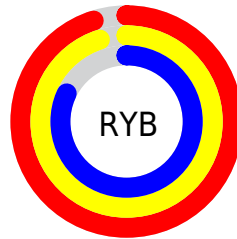
The Yxy color $77.4592, 0.3370, 0.3467$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.3385, 0.2901, 0.3106$, and the grayscale version is $78.0000, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.6473, 0.3426, 0.3505$ is the 20% darker color. If you saturate the color by 10%, you get $69.8220, 0.3568, 0.3597$, and if you desaturate by 10%, it is $85.7849, 0.3196, 0.3343$.

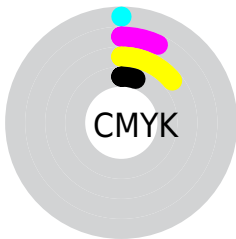
Distribution



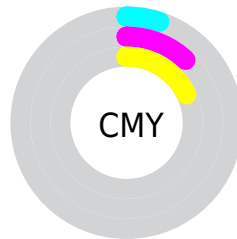
- Red (95%)
- Green (88%)
- Blue (82%)



- Red (95%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4592, 0.3370, 0.3467 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 77.4592, 0.3370, 0.3467 by changing the saturation by 10% instead.


 77.4592, 0.3370,
0.3467

 77.4592, 0.3370,
0.3467


486.3283, 0.3258,
0.3387

 57.6298, 0.3395,
0.3485


129.7875, 0.3331,
0.3439

 41.5111, 0.3426,
0.3507


163.0552, 0.3316,
0.3429

 28.7187, 0.3466,
0.3534


201.5711, 0.3303,
0.3419

 18.8681, 0.3517,
0.3570

245.7197, 0.3292,
0.3411

 11.5750, 0.3586,
0.3617

295.8853, 0.3282,
0.3404

 6.4550, 0.3685,
0.3684

352.4524, 0.3273,

 3.1237, 0.3836,

0.3398

0.3783

415.8052, 0.3265,
0.3392

■ 1.1966, 0.4180,
0.4023

■ 0.0590, 0.7039,
0.2961

■ 77.4592, 0.3370,
0.3467

■ 77.4592, 0.3370,
0.3467

■ 69.8220, 0.3568,
0.3597

■ 85.7849, 0.3196,
0.3343

■ 62.8440, 0.3793,
0.3730

■ 94.7013, 0.3055,
0.3242

■ 56.5088, 0.4043,
0.3858

■ 97.8073, 0.3054,
0.3290

■ 50.7951, 0.4314,
0.3974

■ 45.6804, 0.4598,
0.4066

■ 41.1403, 0.4881,
0.4122

■ 37.1477, 0.5145,
0.4127

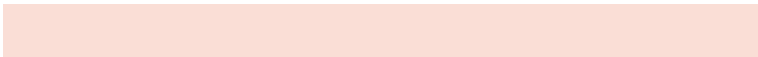
■ 33.6721, 0.5370,
0.4077

■ 31.9382, 0.5480,
0.4031

Harmonies

Analogous

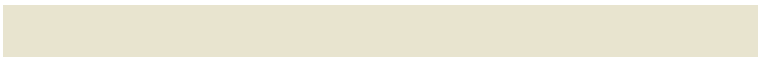
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4592, 0.3381, 0.3372



77.4592, 0.3370, 0.3467



77.4592, 0.3293, 0.3516

Triad

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



77.4592, 0.3370, 0.3467



77.4592, 0.2935, 0.3317



77.4592, 0.3078, 0.3087

Complementary

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



77.4592, 0.3370, 0.3467



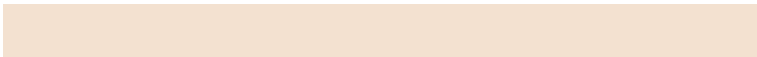
74.3385, 0.2901, 0.3106

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.



77.4592, 0.2961, 0.3070



77.4592, 0.3370, 0.3467



77.4592, 0.2880, 0.3199

Square

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



77.4592, 0.3370, 0.3467



77.4592, 0.3041, 0.3430



77.4592, 0.2889, 0.3109



77.4592, 0.3211, 0.3156

Rectangle

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



77.4592, 0.3370, 0.3467



77.4592, 0.3215, 0.3515



77.4592, 0.2889, 0.3109



77.4592, 0.3036, 0.3075

Sweetspot

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



77.4626, 0.3370, 0.3467



96.0478, 0.3190, 0.3338



69.6855, 0.3263, 0.3103



20.4021, 0.3202, 0.3347



0.0000, 0.0000, 0.0000



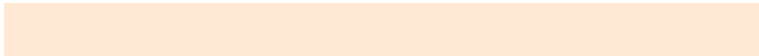
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4626, 0.3370, 0.3467



84.0639, 0.3420, 0.3501



87.4167, 0.3344, 0.3642



17.8062, 0.3281, 0.3405



17.7849, 0.5455, 0.4051



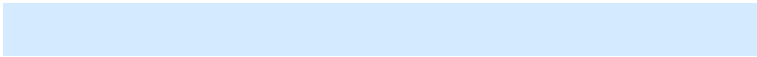
1.7680, 0.5255, 0.4209

Inverse Universe

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



74.3385, 0.2901, 0.3106



80.0226, 0.2859, 0.3070



65.2933, 0.2895, 0.2912



17.3413, 0.2980, 0.3173



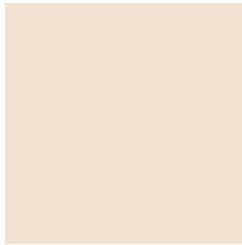
11.9288, 0.1786, 0.1631



1.2542, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 77.4592, 0.3370, 0.3467 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 77.4592, 0.3370, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

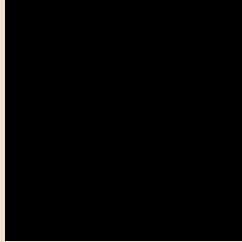
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4592, 0.3370, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 77.4592, 0.3370, 0.3467.

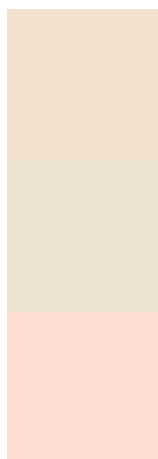


This preview shows how white text looks on a background with the Yxy color 77.4592, 0.3370, 0.3467.

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

77.4592, 0.3370, 0.3467

Protanopia

77.3745, 0.3309, 0.3480

Deuteranopia

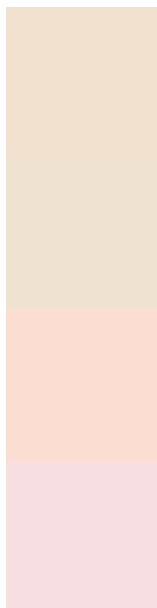
77.0995, 0.3452, 0.3392



Tritanopia

77.6601, 0.3199, 0.3119

Trichromacy



Original Color

77.4592, 0.3370, 0.3467

Protanomaly

77.3469, 0.3332, 0.3469

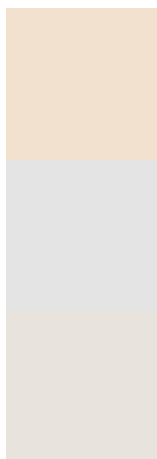
Deuteranomaly

77.3552, 0.3426, 0.3424

Tritanomaly

77.3814, 0.3265, 0.3239

Monochromacy



Original Color

77.4592, 0.3370, 0.3467

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4823, 0.3208, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4592, 0.3370, 0.3467 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(243, 225, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 208)  
}
```

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(243, 225, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 208) }
```

Border

The CSS property to change the border of an element to Yxy 77.4592, 0.3370, 0.3467 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(243, 225, 208) }
```

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

```
.border{ border-color:rgb(243, 225, 208) }
```

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

Here you see how a box with a 4 pixel rgb(243, 225, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4592, 0.3370, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 208) }
```

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

```
.background{ background-color: rgb(243,  
225, 208) }
```

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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