

Converting Colors

$Yxy(76.7133, 0.3338, 0.3457)$

Have a look what the booklet for
Yxy(76.7133, 0.3338, 0.3457)
contains.

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Color

Yxy(76.8046, 0.3334, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	EFE1D1
RGB	239, 225, 209
RGB Percent	94%, 88%, 82%
CMY	0.0624, 0.1177, 0.1803
CMYK	0.00, 0.06, 0.13, 0.06
HSL	32°, 49%, 88%
HSV	32°, 13%, 94%
XYZ	74.0505, 76.8046, 71.2519
YIQ	227.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

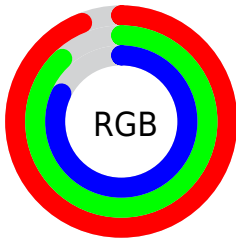
Format	Color
R_{YB}	235, 239, 209
Decimal	15720913
CIE Lab	90.23, 2.18, 9.52
CIE LCh	90, 9.768, 77.075
Yxy	76.8046, 0.3334, 0.3458
Android (android.graphics.Color)	4293910993 (0xFFEFE1D1)
YUV	227.3620, -9.0525, 10.2065
Hunter-Lab	87.6382, -2.5422, 13.1426

Details

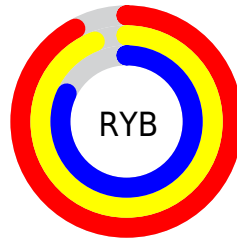
The Yxy color **76.8046, 0.3334, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6280, 0.2931, 0.3116**, and the grayscale version is **77.1620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1833, 0.3378, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **69.8483, 0.3524, 0.3599**, and if you desaturate by 10%, it is **84.3433, 0.3167, 0.3323**.

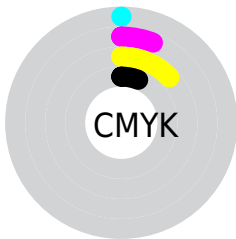
Distribution



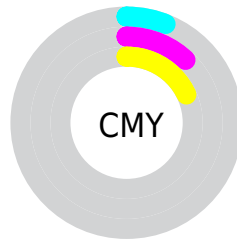
- Red (94%)
- Green (88%)
- Blue (82%)



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



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




- Cyan (6%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8046, 0.3334, 0.3458 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 76.8046, 0.3334, 0.3458 by changing the saturation by 10% instead.

 76.8046, 0.3334,
0.3458

 76.8046, 0.3334,
0.3458

484.0975, 0.3239,
0.3381

 57.0925, 0.3356,
0.3475


128.8636, 0.3301,
0.3432

 41.0795, 0.3382,
0.3496


161.9793, 0.3288,
0.3421

 28.3812, 0.3416,
0.3523


200.3317, 0.3277,
0.3412

 18.6132, 0.3459,
0.3557

244.3052, 0.3268,
0.3405

 11.3911, 0.3519,
0.3604

294.2841, 0.3259,
0.3398

 6.3306, 0.3603,
0.3669

350.6529, 0.3252,

 3.0471, 0.3734,

0.3392

0.3768

413.7959, 0.3245,
0.3386

■ 1.1564, 0.4031,
0.4004

■ 0.0256, 0.7519,
0.2481

■ 76.8046, 0.3334,
0.3458

■ 76.8046, 0.3334,
0.3458

■ 69.8483, 0.3524,
0.3599

■ 84.3433, 0.3167,
0.3323

■ 63.4489, 0.3736,
0.3743

■ 92.3506, 0.3031,
0.3215

■ 57.5933, 0.3971,
0.3885

■ 97.1039, 0.3030,
0.3290

■ 52.2643, 0.4223,
0.4015

■ 47.4435, 0.4487,
0.4123

■ 43.1109, 0.4748,
0.4197

■ 39.2444, 0.4992,
0.4223

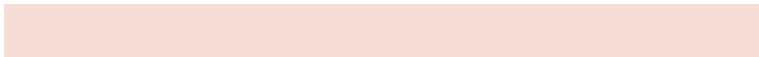
■ 35.8189, 0.5204,
0.4195

■ 33.5366, 0.5338,
0.4143

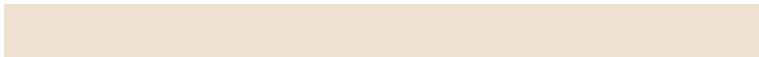
Harmonies

Analogous

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



76.8046, 0.3355, 0.3380



76.8046, 0.3334, 0.3458



76.8046, 0.3257, 0.3492

Triad

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



76.8046, 0.3334, 0.3458



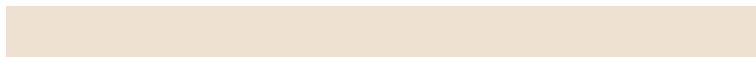
76.8046, 0.2945, 0.3296



76.8046, 0.3104, 0.3118

Complementary

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



76.8046, 0.3334, 0.3458



72.6280, 0.2931, 0.3116

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.



76.8046, 0.2996, 0.3094



76.8046, 0.3334, 0.3458



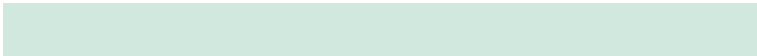
76.8046, 0.2905, 0.3194

Square

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



76.8046, 0.3334, 0.3458



76.8046, 0.3033, 0.3398



76.8046, 0.2924, 0.3121



76.8046, 0.3221, 0.3185

Rectangle

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



76.8046, 0.3334, 0.3458



76.8046, 0.3186, 0.3484



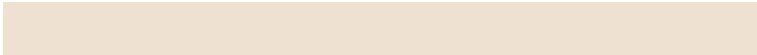
76.8046, 0.2924, 0.3121



76.8046, 0.3066, 0.3104

Sweetspot

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



76.8080, 0.3334, 0.3458



96.3468, 0.3190, 0.3342



69.3292, 0.3251, 0.3138



20.4777, 0.3202, 0.3352



0.0000, 0.0000, 0.0000



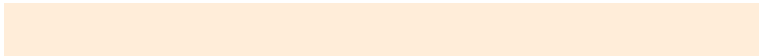
21.4041, 0.3127, 0.3290

Same Dimension

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



76.8080, 0.3334, 0.3458



86.8629, 0.3379, 0.3493



84.6583, 0.3312, 0.3601



17.1489, 0.3280, 0.3416



18.7855, 0.5315, 0.4162



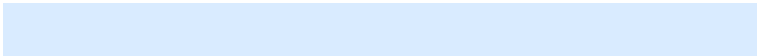
1.7619, 0.5127, 0.4311

Inverse Universe

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



72.6280, 0.2931, 0.3116



81.1698, 0.2891, 0.3079



65.4753, 0.2930, 0.2959



16.4508, 0.2980, 0.3161



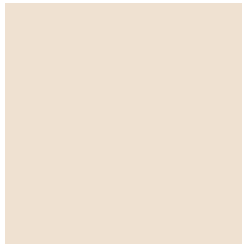
10.1135, 0.1744, 0.1476



1.0389, 0.1812, 0.1723

Previews

White Background



This preview shows how the Yxy color 76.8046, 0.3334, 0.3458 looks on a white background.

Color Contrast Check

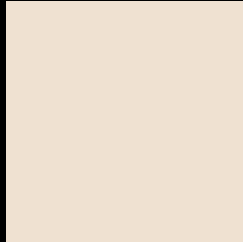
Large Text (above 18pt) WCAG AA × Fail

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 76.8046, 0.3334, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

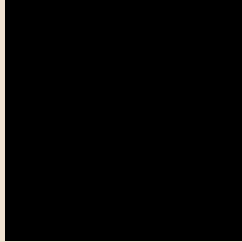
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

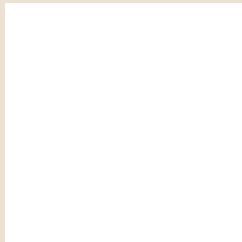
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8046, 0.3334, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 76.8046, 0.3334, 0.3458.

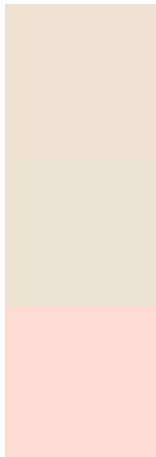


This preview shows how white text looks on a background with the Yxy color 76.8046, 0.3334, 0.3458.

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

76.8046, 0.3334, 0.3458

Protanopia

76.7080, 0.3296, 0.3460

Deuteranopia

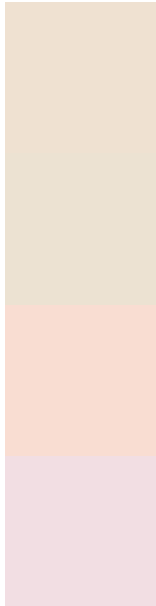
76.5762, 0.3454, 0.3382



Tritanopia

76.9406, 0.3171, 0.3117

Trichromacy



Original Color

76.8046, 0.3334, 0.3458

Protanomaly

76.8787, 0.3304, 0.3459

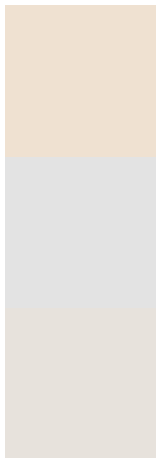
Deuteranomaly

76.5058, 0.3406, 0.3404

Tritanomaly

76.6658, 0.3236, 0.3239

Monochromacy



Original Color

76.8046, 0.3334, 0.3458

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5489, 0.3201, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8046, 0.3334, 0.3458 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(239, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 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(239, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 209) }
```

Border

The CSS property to change the border of an element to Yxy 76.8046, 0.3334, 0.3458 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(239, 225, 209) }
```

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

```
.border{ border-color:rgb(239, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8046, 0.3334, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 209) }
```

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

```
.background{ background-color: rgb(239,  
225, 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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