

Converting Colors

Yxy(76.9122, 0.3338, 0.3433)

Have a look what the booklet for
Yxy(76.9122, 0.3338, 0.3433)
contains.

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Color

Yxy(76.7152, 0.3336, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	F1E0D3
RGB	241, 224, 211
RGB Percent	95%, 88%, 83%
CMY	0.0547, 0.1216, 0.1725
CMYK	0.00, 0.07, 0.12, 0.05
HSL	26°, 52%, 89%
HSV	26°, 12%, 95%
XYZ	74.6999, 76.7152, 72.5055
YIQ	227.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

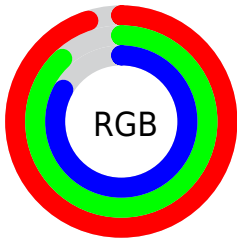
Format	Color
R _Y B	241, 234, 211
Decimal	15851731
CIE Lab	90.19, 3.70, 8.44
CIE LCh	90, 9.215, 66.300
Yxy	76.7152, 0.3336, 0.3426
Android (android.graphics.Color)	4294041811 (0xFFFF1E0D3)
YUV	227.6010, -8.1843, 11.7509
Hunter-Lab	87.5872, -1.0415, 12.2302

Details

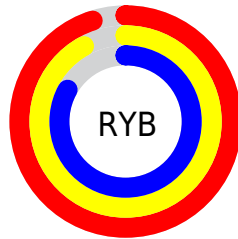
The Yxy color **76.7152, 0.3336, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7234, 0.2933, 0.3150**, and the grayscale version is **77.3352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1245, 0.3382, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **68.5370, 0.3533, 0.3542**, and if you desaturate by 10%, it is **85.6735, 0.3165, 0.3316**.

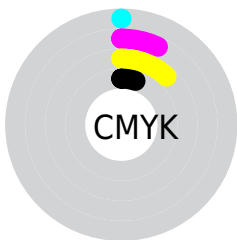
Distribution



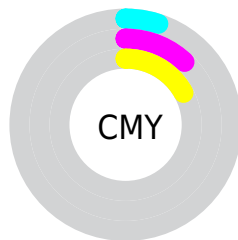
- Red (95%)
- Green (88%)
- Blue (83%)



- Red (95%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7152, 0.3336, 0.3426 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 76.7152, 0.3336, 0.3426 by changing the saturation by 10% instead.


 76.7152, 0.3336,
0.3426

 76.7152, 0.3336,
0.3426


483.7924, 0.3240,
0.3364

 57.0192, 0.3358,
0.3440

128.7374, 0.3303,
0.3405

 41.0206, 0.3385,
0.3457


161.8323, 0.3290,
0.3397

 28.3352, 0.3419,
0.3478


200.1623, 0.3279,
0.3389

 18.5785, 0.3463,
0.3505

244.1118, 0.3269,
0.3383

 11.3661, 0.3524,
0.3542

294.0652, 0.3260,
0.3378

 6.3136, 0.3610,
0.3594

350.4068, 0.3253,

 3.0367, 0.3744,

0.3373

0.3671

413.5211, 0.3246,
0.3368

■ 1.1509, 0.4025,
0.3843

■ 0.0211, 0.8398,
0.1602

■ 76.7152, 0.3336,
0.3426

■ 76.7152, 0.3336,
0.3426

■ 68.5370, 0.3533,
0.3542

■ 85.6735, 0.3165,
0.3316

■ 61.1067, 0.3760,
0.3661

■ 95.1478, 0.3042,
0.3254

■ 54.4049, 0.4017,
0.3778

■ 97.4477, 0.3042,
0.3290

■ 48.4070, 0.4301,
0.3884

■ 43.0873, 0.4605,
0.3970

■ 38.4177, 0.4914,
0.4022

■ 34.3679, 0.5210,
0.4027

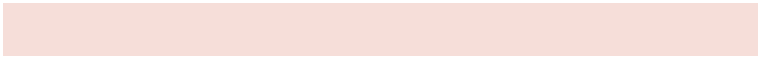
■ 30.9036, 0.5468,
0.3978

■ 28.6477, 0.5632,
0.3910

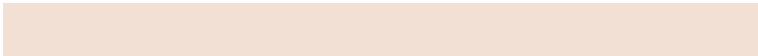
Harmonies

Analogous

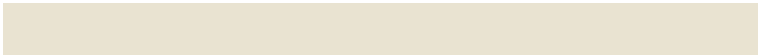
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7152, 0.3334, 0.3342



76.7152, 0.3336, 0.3426



76.7152, 0.3281, 0.3475

Triad

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



76.7152, 0.3336, 0.3426



76.7152, 0.2980, 0.3332



76.7152, 0.3067, 0.3114

Complementary

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



76.7152, 0.3336, 0.3426



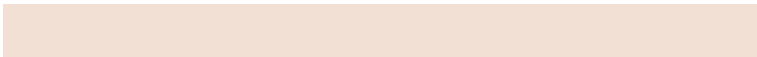
75.7234, 0.2933, 0.3150

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.



76.7152, 0.2974, 0.3108



76.7152, 0.3336, 0.3426



76.7152, 0.2925, 0.3232

Square

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



76.7152, 0.3336, 0.3426



76.7152, 0.3075, 0.3421



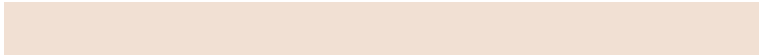
76.7152, 0.2922, 0.3151



76.7152, 0.3177, 0.3164

Rectangle

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



76.7152, 0.3336, 0.3426



76.7152, 0.3220, 0.3480



76.7152, 0.2922, 0.3151



76.7152, 0.3032, 0.3106

Sweetspot

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



76.7186, 0.3336, 0.3426



95.7211, 0.3190, 0.3333



70.9332, 0.3228, 0.3109



20.3195, 0.3203, 0.3341



0.0000, 0.0000, 0.0000



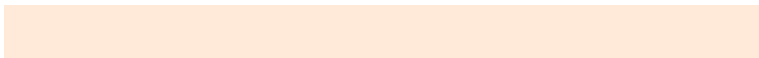
21.4041, 0.3127, 0.3290

Same Dimension

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



76.7186, 0.3336, 0.3426



84.6958, 0.3384, 0.3456



84.8737, 0.3317, 0.3573



16.8827, 0.3282, 0.3392



15.7859, 0.5604, 0.3933



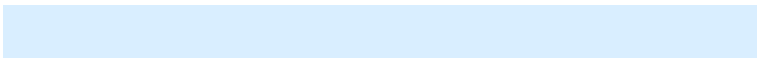
1.5073, 0.5374, 0.4115

Inverse Universe

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



75.7234, 0.2933, 0.3150



83.3539, 0.2892, 0.3119



68.0518, 0.2929, 0.2990



16.7183, 0.2980, 0.3185



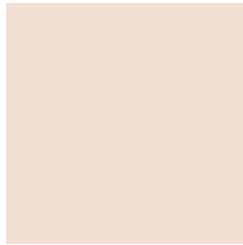
13.3918, 0.1836, 0.1810



1.3114, 0.1895, 0.2023

Previews

White Background



This preview shows how the Yxy color 76.7152, 0.3336, 0.3426 looks on a white background.

Color Contrast Check

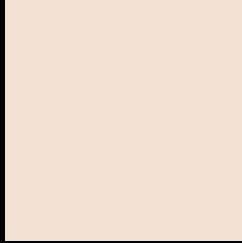
Large Text (above 18pt) WCAG AA × Fail

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 76.7152, 0.3336, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

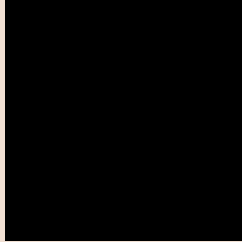
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7152, 0.3336, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 76.7152, 0.3336, 0.3426.



This preview shows how white text looks on a background with the Yxy color 76.7152, 0.3336, 0.3426.

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

76.7152, 0.3336, 0.3426

Protanopia

76.6386, 0.3276, 0.3439

Deuteranopia

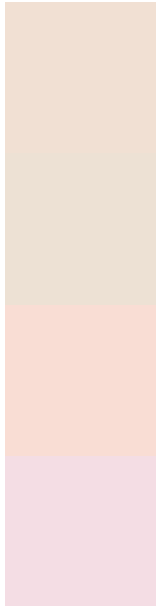
76.4873, 0.3432, 0.3362



Tritanopia

76.7133, 0.3192, 0.3118

Trichromacy



Original Color

76.7152, 0.3336, 0.3426

Protanomaly

76.6084, 0.3299, 0.3427

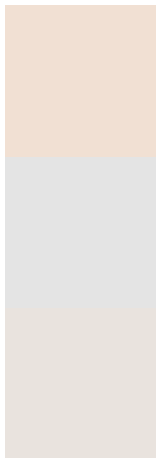
Deuteranomaly

76.6061, 0.3392, 0.3383

Tritanomaly

76.5474, 0.3245, 0.3219

Monochromacy



Original Color

76.7152, 0.3336, 0.3426

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5357, 0.3201, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7152, 0.3336, 0.3426 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(241, 224, 211)` looks like.

```
.text, #text, p{  
    color:rgb(241, 224, 211)  
}
```

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(241, 224, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 224, 211) }
```

Border

The CSS property to change the border of an element to Yxy 76.7152, 0.3336, 0.3426 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(241, 224, 211) }
```

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

```
.border{ border-color:rgb(241, 224, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 224, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 224, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 224, 211);  
box-shadow:4px 4px 4px 4px rgb(241, 224,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7152, 0.3336, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 224, 211) }
```

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

```
.background{ background-color: rgb(241,  
224, 211) }
```

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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