

Converting Colors

$Yxy(77.2906, 0.3329, 0.3432)$

Have a look what the booklet for
Yxy(77.2906, 0.3329, 0.3432)
contains.

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Color

Yxy(77.3047, 0.3328, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	F1E1D4
RGB	241, 225, 212
RGB Percent	95%, 88%, 83%
CMY	0.0547, 0.1177, 0.1687
CMYK	0.00, 0.07, 0.12, 0.05
HSL	27°, 51%, 89%
HSV	27°, 12%, 95%
XYZ	75.0934, 77.3047, 73.2432
YIQ	228.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

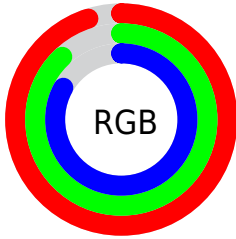
Format	Color
R _Y B	241, 236, 212
Decimal	15851988
CIE Lab	90.46, 3.34, 8.31
CIE LCh	90, 8.962, 68.097
Yxy	77.3047, 0.3328, 0.3426
Android (android.graphics.Color)	4294042068 (0xFFFF1E1D4)
YUV	228.3020, -8.0369, 11.1361
Hunter-Lab	87.9231, -1.4120, 12.1554

Details

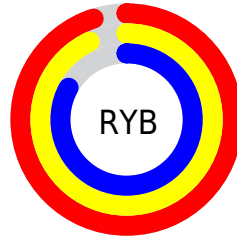
The Yxy color $77.3047, 0.3328, 0.3426$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.8559, 0.2940, 0.3150$, and the grayscale version is $77.8730, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.4981, 0.3380, 0.3466$ is the 20% darker color. If you saturate the color by 10%, you get $69.2609, 0.3523, 0.3546$, and if you desaturate by 10%, it is $86.0983, 0.3159, 0.3312$.

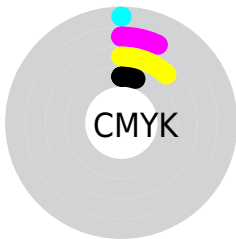
Distribution



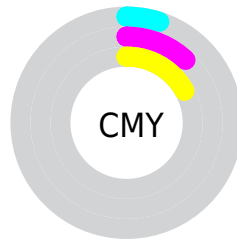
- Red (95%)
- Green (88%)
- Blue (83%)



- Red (95%)
- Yellow (93%)
- 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 77.3047, 0.3328, 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 77.3047, 0.3328, 0.3426 by changing the saturation by 10% instead.


 77.3047, 0.3328,
0.3426

 77.3047, 0.3328,
0.3426


485.8023, 0.3236,
0.3364

 57.5030, 0.3349,
0.3440


129.5695, 0.3296,
0.3405

 41.4092, 0.3375,
0.3457


162.8014, 0.3284,
0.3397

 28.6390, 0.3407,
0.3478


201.2788, 0.3273,
0.3389

 18.8079, 0.3450,
0.3505

245.3861, 0.3264,
0.3383

 11.5315, 0.3507,
0.3542

295.5077, 0.3255,
0.3378

 6.4256, 0.3590,
0.3594

352.0280, 0.3248,

 3.1055, 0.3717,

0.3373

0.3671

415.3314, 0.3242,
0.3368

■ 1.1871, 0.3973,
0.3833

■ 0.0511, 0.7181,
0.2819

■ 77.3047, 0.3328,
0.3426

■ 77.3047, 0.3328,
0.3426

■ 69.2609, 0.3523,
0.3546

■ 86.0983, 0.3159,
0.3312

■ 61.9358, 0.3746,
0.3669

■ 95.3120, 0.3042,
0.3257

■ 55.3112, 0.3998,
0.3790

■ 97.4479, 0.3042,
0.3290

■ 49.3640, 0.4276,
0.3901

■ 44.0695, 0.4573,
0.3991

■ 39.4015, 0.4876,
0.4048

■ 35.3310, 0.5164,
0.4059

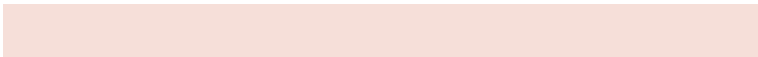
■ 31.8256, 0.5417,
0.4015

■ 29.4115, 0.5587,
0.3946

Harmonies

Analogous

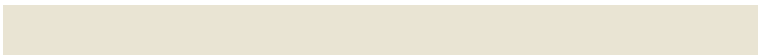
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3047, 0.3330, 0.3346



77.3047, 0.3328, 0.3426



77.3047, 0.3272, 0.3471

Triad

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



77.3047, 0.3328, 0.3426



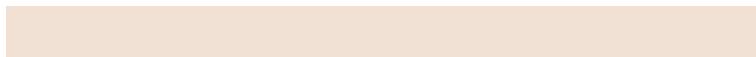
77.3047, 0.2980, 0.3325



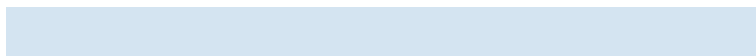
77.3047, 0.3075, 0.3121

Complementary

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



77.3047, 0.3328, 0.3426



75.8559, 0.2940, 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.



77.3047, 0.2983, 0.3113



77.3047, 0.3328, 0.3426



77.3047, 0.2929, 0.3228

Square

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



77.3047, 0.3328, 0.3426



77.3047, 0.3071, 0.3413



77.3047, 0.2930, 0.3151



77.3047, 0.3182, 0.3172

Rectangle

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



77.3047, 0.3328, 0.3426



77.3047, 0.3212, 0.3474



77.3047, 0.2930, 0.3151



77.3047, 0.3041, 0.3113

Sweetspot

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



77.3081, 0.3328, 0.3426



95.8181, 0.3190, 0.3334



71.4165, 0.3228, 0.3120



20.3440, 0.3202, 0.3343



0.0000, 0.0000, 0.0000



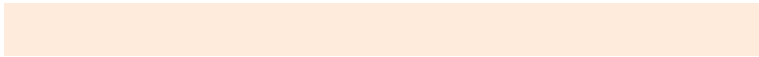
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3081, 0.3328, 0.3426



85.9677, 0.3365, 0.3449



85.2548, 0.3310, 0.3569



16.9238, 0.3282, 0.3396



16.2036, 0.5559, 0.3968



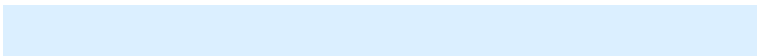
1.5437, 0.5335, 0.4146

Inverse Universe

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



75.8559, 0.2940, 0.3150



84.0711, 0.2908, 0.3125



68.4050, 0.2936, 0.2995



16.6765, 0.2980, 0.3182



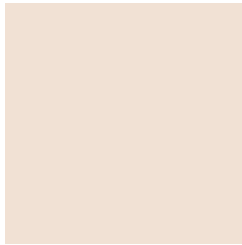
12.8320, 0.1821, 0.1757



1.2658, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 77.3047, 0.3328, 0.3426 looks on a white background.

Color Contrast Check

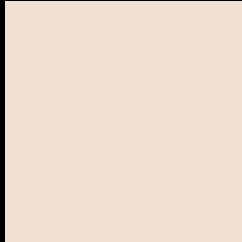
Large Text (above 18pt) WCAG AA × Fail

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 77.3047, 0.3328, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

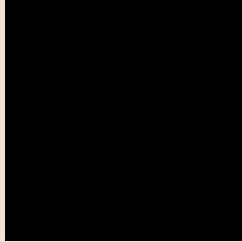
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

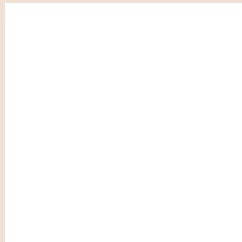
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3047, 0.3328, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 77.3047, 0.3328, 0.3426.

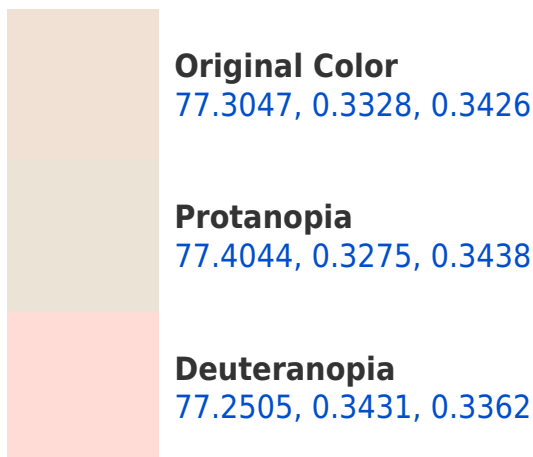


This preview shows how white text looks on a background with the Yxy color 77.3047, 0.3328, 0.3426.

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

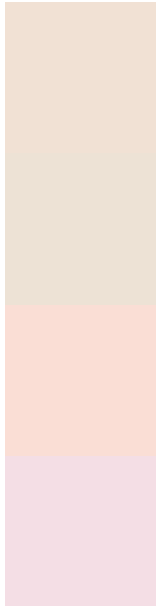




Tritanopia

77.2984, 0.3185, 0.3118

Trichromacy



Original Color

77.3047, 0.3328, 0.3426

Protanomaly

77.2013, 0.3291, 0.3427

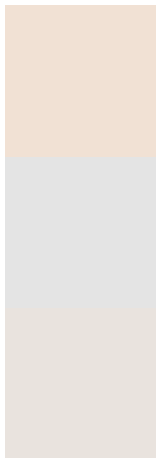
Deuteranomaly

77.3706, 0.3391, 0.3383

Tritanomaly

77.1328, 0.3237, 0.3219

Monochromacy



Original Color

77.3047, 0.3328, 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 77.3047, 0.3328, 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, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 212)  
}
```

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, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 212) }
```

Border

The CSS property to change the border of an element to Yxy 77.3047, 0.3328, 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, 225, 212) }
```

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

```
.border{ border-color:rgb(241, 225, 212) }
```

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

Here you see how a box with a 4 pixel rgb(241, 225, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3047, 0.3328, 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, 225, 212) }
```

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

```
.background{ background-color: rgb(241,  
225, 212) }
```

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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