

Converting Colors

$Yxy(76.3034, 0.3328, 0.3321)$

Have a look what the booklet for
Yxy(76.3034, 0.3328, 0.3321)
contains.

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Color

Yxy(76.3677, 0.3328, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	F6DDDA
RGB	246, 221, 218
RGB Percent	96%, 87%, 85%
CMY	0.0352, 0.1334, 0.1450
CMYK	0.00, 0.10, 0.11, 0.04
HSL	6°, 61%, 91%
HSV	6°, 11%, 96%
XYZ	76.5287, 76.3677, 77.0576
YIQ	228.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

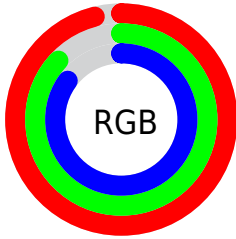
Format	Color
R _Y B	246, 221, 218
Decimal	16178650
CIE Lab	90.03, 8.13, 4.58
CIE LCh	90, 9.332, 29.389
Yxy	76.3677, 0.3328, 0.3321
Android (android.graphics.Color)	4294368730 (0xFFF6DDDA)
YUV	228.1330, -4.9956, 15.6694
Hunter-Lab	87.3886, 3.3874, 8.8913

Details

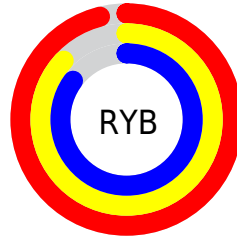
The Yxy color $76.3677, 0.3328, 0.3321$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.7104, 0.2952, 0.3259$, and the grayscale version is $77.7197, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.8639, 0.3381, 0.3330$ is the 20% darker color. If you saturate the color by 10%, you get $64.3103, 0.3548, 0.3350$, and if you desaturate by 10%, it is $90.1455, 0.3149, 0.3294$.

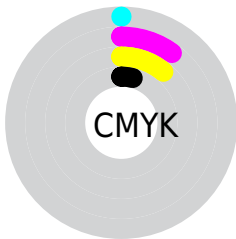
Distribution



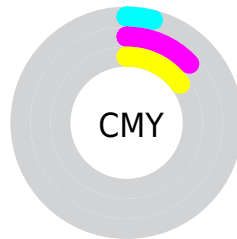
- Red (96%)
- Green (87%)
- Blue (85%)



- Red (96%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3677, 0.3328, 0.3321 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 76.3677, 0.3328, 0.3321 by changing the saturation by 10% instead.

 76.3677, 0.3328,
0.3321

 76.3677, 0.3328,
0.3321


482.6055, 0.3235,
0.3308

 56.7341, 0.3349,
0.3324


128.2465, 0.3296,
0.3317

 40.7918, 0.3375,
0.3327


161.2605, 0.3283,
0.3315

 28.1564, 0.3408,
0.3332


199.5034, 0.3273,
0.3313

 18.4436, 0.3451,
0.3337

243.3597, 0.3263,
0.3312

 11.2689, 0.3510,
0.3343

293.2136, 0.3255,
0.3311

 6.2480, 0.3594,
0.3352

349.4496, 0.3248,

 2.9965, 0.3726,

0.3309

412.4521, 0.3241,
0.3308

0.3364

1.1299, 0.3962,
0.3379

0.0033, 0.9839,
0.0161

76.3677, 0.3328,
0.3321

76.3677, 0.3328,
0.3321

64.3103, 0.3548,
0.3350

90.1455, 0.3149,
0.3294

53.8962, 0.3819,
0.3381

98.3386, 0.3072,
0.3290

45.0570, 0.4147,
0.3410

37.7160, 0.4533,
0.3435

■ 31.7900, 0.4969,
0.3451

■ 27.1874, 0.5423,
0.3452

■ 23.8060, 0.5842,
0.3433

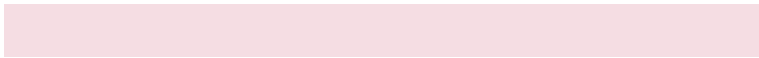
■ 21.5284, 0.6163,
0.3394

■ 20.3379, 0.6332,
0.3355

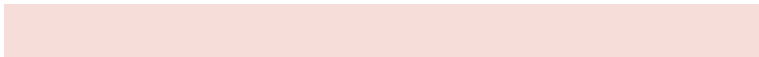
Harmonies

Analogous

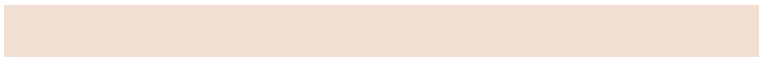
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3677, 0.3257, 0.3225



76.3677, 0.3328, 0.3321



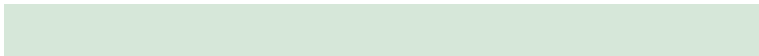
76.3677, 0.3344, 0.3411

Triad

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



76.3677, 0.3328, 0.3321



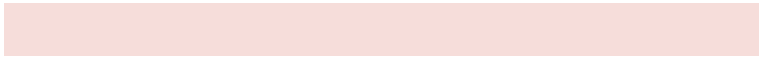
76.3677, 0.3100, 0.3440



76.3677, 0.2955, 0.3111

Complementary

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



76.3677, 0.3328, 0.3321



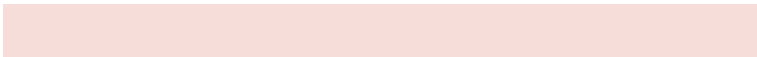
85.7104, 0.2952, 0.3259

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.



76.3677, 0.2915, 0.3165



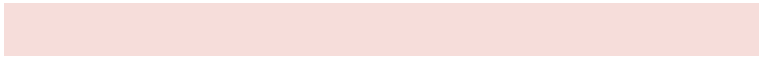
76.3677, 0.3328, 0.3321



76.3677, 0.2998, 0.3355

Square

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



76.3677, 0.3328, 0.3321



76.3677, 0.3211, 0.3482



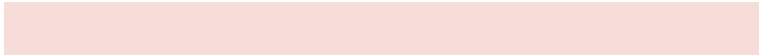
76.3677, 0.2930, 0.3254



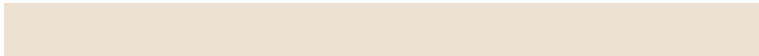
76.3677, 0.3041, 0.3106

Rectangle

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



76.3677, 0.3328, 0.3321



76.3677, 0.3321, 0.3455



76.3677, 0.2930, 0.3254



76.3677, 0.2936, 0.3124

Sweetspot

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



76.3711, 0.3328, 0.3321



95.2295, 0.3176, 0.3298



76.2432, 0.3159, 0.3037



20.1164, 0.3189, 0.3300



0.0000, 0.0000, 0.0000



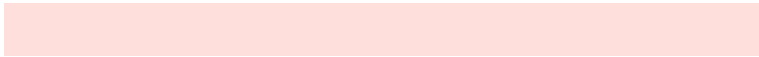
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3711, 0.3328, 0.3321



79.2053, 0.3382, 0.3329



83.9828, 0.3311, 0.3461



16.7643, 0.3291, 0.3316



10.9470, 0.6315, 0.3367



1.0537, 0.6147, 0.3501

Inverse Universe

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



85.7104, 0.2952, 0.3259



91.4622, 0.2912, 0.3251



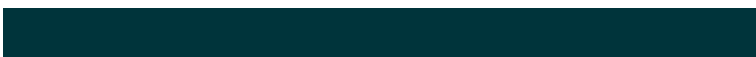
77.7333, 0.2949, 0.3113



18.4409, 0.2981, 0.3264



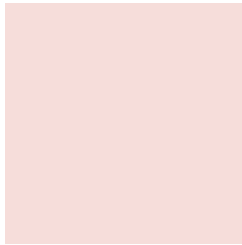
30.9953, 0.2154, 0.2954



2.8085, 0.2167, 0.3000

Previews

White Background



This preview shows how the Yxy color 76.3677, 0.3328, 0.3321 looks on a white background.

Color Contrast Check

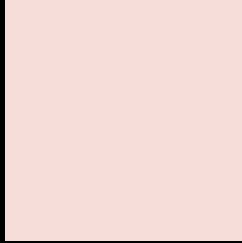
Large Text (above 18pt) WCAG AA × Fail

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 76.3677, 0.3328, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

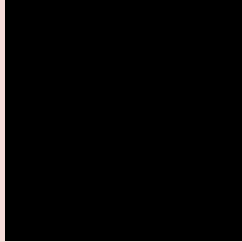
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

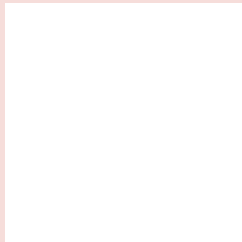
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3677, 0.3328, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 76.3677, 0.3328, 0.3321.

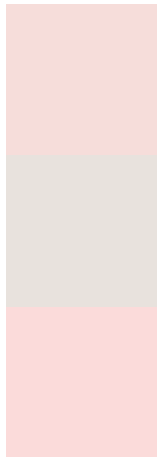


This preview shows how white text looks on a background with the Yxy color 76.3677, 0.3328, 0.3321.

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

76.3677, 0.3328, 0.3321

Protanopia

76.7690, 0.3202, 0.3343

Deuteranopia

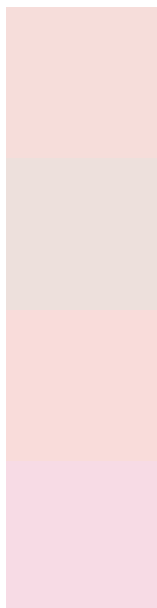
76.2342, 0.3367, 0.3301



Tritanopia

76.0974, 0.3228, 0.3119

Trichromacy



Original Color

76.3677, 0.3328, 0.3321

Protanomaly

76.4831, 0.3246, 0.3332

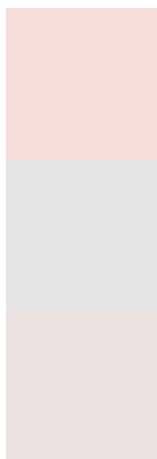
Deuteranomaly

76.3881, 0.3351, 0.3311

Tritanomaly

76.0943, 0.3261, 0.3189

Monochromacy



Original Color

76.3677, 0.3328, 0.3321

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8944, 0.3204, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3677, 0.3328, 0.3321 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(246, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 218)  
}
```

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(246, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 218) }
```

Border

The CSS property to change the border of an element to Yxy 76.3677, 0.3328, 0.3321 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(246, 221, 218) }
```

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

```
.border{ border-color:rgb(246, 221, 218) }
```

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

Here you see how a box with a 4 pixel rgb(246, 221, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 221,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3677, 0.3328, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 218) }
```

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

```
.background{ background-color: rgb(246,  
221, 218) }
```

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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