

Converting Colors

$Y_{xy}(77.3171, 0.3289, 0.3273)$

Have a look what the booklet for
Yxy(77.3171, 0.3289, 0.3273)
contains.

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Color

Yxy(77.2172, 0.3285, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F6DEE0
RGB	246, 222, 224
RGB Percent	96%, 87%, 88%
CMY	0.0355, 0.1293, 0.1215
CMYK	0.00, 0.10, 0.09, 0.04
HSL	355°, 57%, 92%
HSV	355°, 10%, 96%
XYZ	77.5714, 77.2172, 81.3496
YIQ	229.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

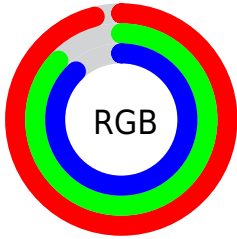
Format	Color
R _Y B	246, 222, 224
Decimal	16178912
CIE Lab	90.42, 8.55, 2.01
CIE LCh	90, 8.778, 13.207
Yxy	77.2172, 0.3285, 0.3270
Android (android.graphics.Color)	4294368992 (0xFFFF6DEE0)
YUV	229.4040, -2.6642, 14.5547
Hunter-Lab	87.8733, 3.7951, 6.6230

Details

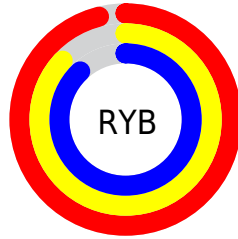
The Yxy color $77.2172, 0.3285, 0.3270$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87.9450, 0.2988, 0.3310$, and the grayscale version is $78.6793, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.4492, 0.3325, 0.3264$ is the 20% darker color. If you saturate the color by 10%, you get $63.9498, 0.3487, 0.3248$, and if you desaturate by 10%, it is $92.5594, 0.3123, 0.3291$.

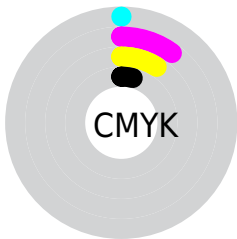
Distribution



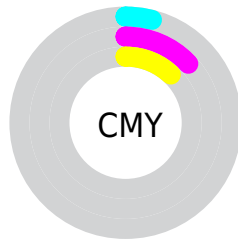
- Red (96%)
- Green (87%)
- Blue (88%)



- Red (96%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.2172, 0.3285, 0.3270 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 77.2172, 0.3285, 0.3270 by changing the saturation by 10% instead.


 77.2172, 0.3285,
0.3270

 77.2172, 0.3285,
0.3270

485.5043, 0.3213,
0.3280

 57.4312, 0.3301,
0.3268

129.4460, 0.3260,
0.3273

 41.3515, 0.3322,
0.3265


162.6576, 0.3250,
0.3275

 28.5938, 0.3347,
0.3261


201.1132, 0.3242,
0.3276

 18.7738, 0.3381,
0.3257

245.1971, 0.3234,
0.3277

 11.5069, 0.3426,
0.3250

295.2938, 0.3228,
0.3278

 6.4089, 0.3491,
0.3240

351.7876, 0.3222,

 3.0953, 0.3592,

0.3278

0.3224

415.0629, 0.3217,
0.3279

■ 1.1817, 0.3770,
0.3193

■ 0.0467, 0.8443,
0.1557

■ 77.2172, 0.3285,
0.3270

■ 77.2172, 0.3285,
0.3270

■ 63.9498, 0.3487,
0.3248

■ 92.5594, 0.3123,
0.3291

■ 52.6584, 0.3738,
0.3226

■ 98.3244, 0.3072,
0.3290

■ 43.2515, 0.4048,
0.3204

■ 35.6266, 0.4421,
0.3185

■ 29.6710, 0.4850,
0.3174

■ 25.2595, 0.5311,
0.3174

■ 22.2492, 0.5752,
0.3191

■ 20.4703, 0.6107,
0.3223

■ 19.6535, 0.6325,
0.3260

Harmonies

Analogous

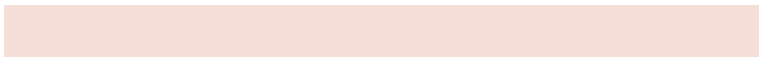
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2172, 0.3198, 0.3186



77.2172, 0.3285, 0.3270



77.2172, 0.3329, 0.3360

Triad

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



77.2172, 0.3285, 0.3270



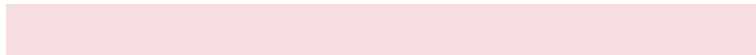
77.2172, 0.3159, 0.3457



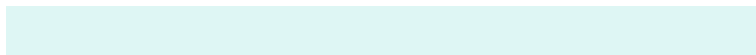
77.2172, 0.2939, 0.3144

Complementary

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



77.2172, 0.3285, 0.3270



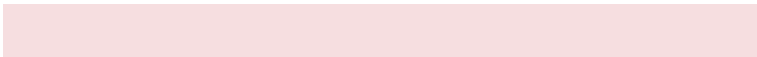
87.9450, 0.2988, 0.3310

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.



77.2172, 0.2929, 0.3215



77.2172, 0.3285, 0.3270



77.2172, 0.3055, 0.3397

Square

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



77.2172, 0.3285, 0.3270



77.2172, 0.3255, 0.3470



77.2172, 0.2971, 0.3308



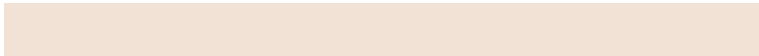
77.2172, 0.2999, 0.3114

Rectangle

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



77.2172, 0.3285, 0.3270



77.2172, 0.3328, 0.3412



77.2172, 0.2971, 0.3308



77.2172, 0.2930, 0.3164

Sweetspot

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



77.2206, 0.3285, 0.3270



94.7724, 0.3172, 0.3284



78.0588, 0.3122, 0.3049



19.9937, 0.3185, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

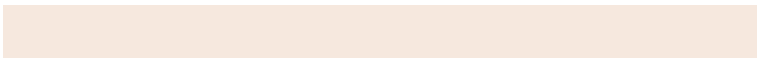
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2206, 0.3285, 0.3270



80.3302, 0.3327, 0.3265



82.3441, 0.3288, 0.3388



16.5050, 0.3281, 0.3271



10.4940, 0.6310, 0.3249



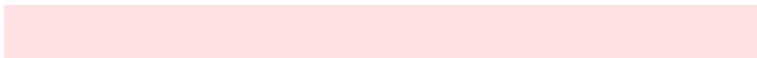
0.9299, 0.6105, 0.3137

Inverse Universe

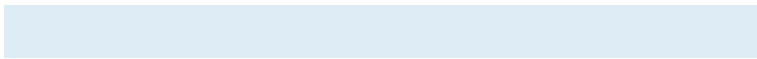
The Inverse Universe completely reimagines the original color for something new.



77.2206, 0.3285, 0.3270



80.3302, 0.3327, 0.3265



82.3939, 0.2976, 0.3190



16.5050, 0.3281, 0.3271



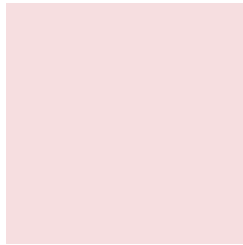
10.4940, 0.6310, 0.3249



0.9299, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 77.2172, 0.3285, 0.3270 looks on a white background.

Color Contrast Check

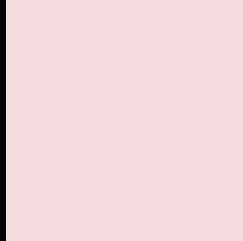
Large Text (above 18pt) WCAG AA × Fail

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 77.2172, 0.3285, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

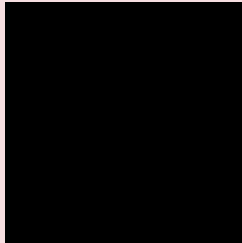
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

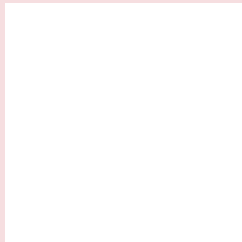
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2172, 0.3285, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 77.2172, 0.3285, 0.3270.

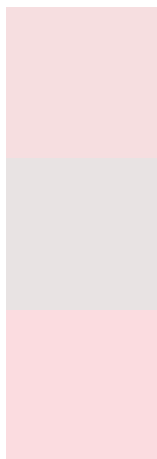


This preview shows how white text looks on a background with the Yxy color 77.2172, 0.3285, 0.3270.

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

77.2172, 0.3285, 0.3270

Protanopia

77.6400, 0.3162, 0.3290

Deuteranopia

77.0774, 0.3324, 0.3250



Tritanopia

77.2573, 0.3213, 0.3119

Trichromacy



Original Color

77.2172, 0.3285, 0.3270

Protanomaly

77.3459, 0.3205, 0.3280

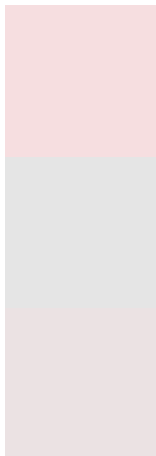
Deuteranomaly

77.2345, 0.3308, 0.3260

Tritanomaly

77.3133, 0.3239, 0.3179

Monochromacy



Original Color

77.2172, 0.3285, 0.3270

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.6009, 0.3183, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2172, 0.3285, 0.3270 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, 222, 224)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 224)  
}
```

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, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 224) }
```

Border

The CSS property to change the border of an element to Yxy 77.2172, 0.3285, 0.3270 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, 222, 224) }
```

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

```
.border{ border-color:rgb(246, 222, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 222, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2172, 0.3285, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 224) }
```

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

```
.background{ background-color: rgb(246,  
222, 224) }
```

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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