

Converting Colors

$Yxy(73.6815, 0.3330, 0.3300)$

Have a look what the booklet for
Yxy(73.6815, 0.3330, 0.3300)
contains.

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Color

Yxy(73.8167, 0.3332, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	F4D9D8
RGB	244, 217, 216
RGB Percent	96%, 85%, 85%
CMY	0.0432, 0.1490, 0.1529
CMYK	0.00, 0.11, 0.11, 0.04
HSL	2°, 56%, 90%
HSV	2°, 11%, 96%
XYZ	74.5099, 73.8167, 75.2926
YIQ	224.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

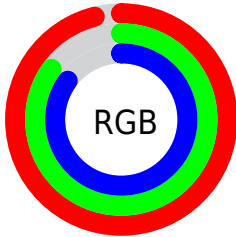
Format	Color
RYB	244, 217, 216
Decimal	16046552
CIELab	88.84, 9.15, 3.89
CIElCh	89, 9.944, 23.042
Yxy	73.8167, 0.3332, 0.3301
Android (android.graphics.Color)	4294236632 (0xFFFF4D9D8)
YUV	224.9590, -4.4168, 16.6990
Hunter-Lab	85.9166, 4.4473, 8.1832

Details

The Yxy color **73.8167, 0.3332, 0.3301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.2144, 0.2951, 0.3279**, and the grayscale version is **75.2881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1052, 0.3388, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **61.3752, 0.3558, 0.3311**, and if you desaturate by 10%, it is **88.1802, 0.3150, 0.3291**.

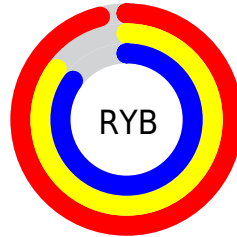
Distribution



Red (96%)

Green (85%)

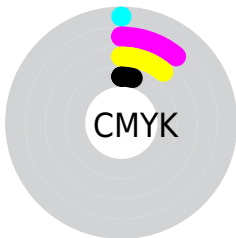
Blue (85%)



Red (96%)

Yellow (85%)

Blue (85%)

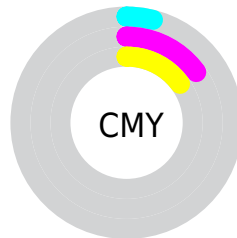


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8167, 0.3332, 0.3301 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 73.8167, 0.3332, 0.3301 by changing the saturation by 10% instead.


 73.8167, 0.3332,
0.3301

 73.8167, 0.3332,
0.3301


473.8405, 0.3237,
0.3297

 54.6440, 0.3354,
0.3302


124.6359, 0.3299,
0.3300

 39.1168, 0.3381,
0.3303


157.0513, 0.3286,
0.3299

 26.8506, 0.3415,
0.3304


194.6496, 0.3275,
0.3299

 17.4610, 0.3460,
0.3305

237.8154, 0.3266,
0.3298

 10.5637, 0.3521,
0.3306

286.9330, 0.3257,
0.3298

 5.7743, 0.3610,
0.3306

342.3868, 0.3250,

 2.7083, 0.3751,

0.3297

0.3305

404.5611, 0.3243,
0.3297

0.9814, 0.4021,
0.3307

0.0000, 1.0000,
0.0000

73.8167, 0.3332,
0.3301

73.8167, 0.3332,
0.3301

61.3752, 0.3558,
0.3311

88.1802, 0.3150,
0.3291

50.7651, 0.3839,
0.3322

97.9686, 0.3059,
0.3290

41.9028, 0.4183,
0.3333

34.6945, 0.4592,
0.3342

■ 29.0379, 0.5051,
0.3347

■ 24.8190, 0.5525,
0.3347

■ 21.9083, 0.5948,
0.3339

■ 20.1531, 0.6247,
0.3325

■ 19.4187, 0.6382,
0.3314

Harmonies

Analogous

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



73.8167, 0.3245, 0.3200



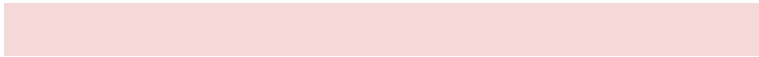
73.8167, 0.3332, 0.3301



73.8167, 0.3363, 0.3401

Triad

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



73.8167, 0.3332, 0.3301



73.8167, 0.3123, 0.3466



73.8167, 0.2928, 0.3106

Complementary

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



73.8167, 0.3332, 0.3301



85.2144, 0.2951, 0.3279

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.



73.8167, 0.2897, 0.3173



73.8167, 0.3332, 0.3301



73.8167, 0.3008, 0.3382

Square

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



73.8167, 0.3332, 0.3301



73.8167, 0.3241, 0.3499



73.8167, 0.2926, 0.3274



73.8167, 0.3012, 0.3088

Rectangle

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



73.8167, 0.3332, 0.3301



73.8167, 0.3347, 0.3455



73.8167, 0.2926, 0.3274



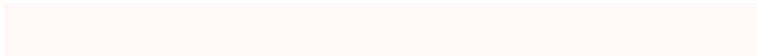
73.8167, 0.2911, 0.3123

Sweetspot

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



73.8200, 0.3332, 0.3301



94.9012, 0.3176, 0.3293



74.8192, 0.3147, 0.3017



20.0283, 0.3190, 0.3294



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.



73.8200, 0.3332, 0.3301



77.8825, 0.3386, 0.3304



81.2967, 0.3314, 0.3444



16.5778, 0.3293, 0.3299



10.6030, 0.6375, 0.3320



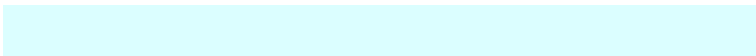
0.9649, 0.6310, 0.3372

Inverse Universe

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



85.2144, 0.2951, 0.3279



93.0317, 0.2913, 0.3276



77.2027, 0.2948, 0.3132



18.6497, 0.2981, 0.3281



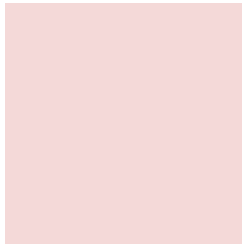
35.9795, 0.2216, 0.3177



3.1936, 0.2220, 0.3192

Previews

White Background



This preview shows how the Yxy color 73.8167, 0.3332, 0.3301 looks on a white background.

Color Contrast Check

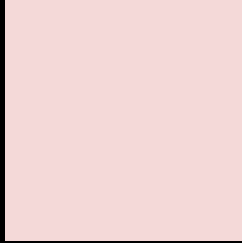
Large Text (above 18pt) WCAG AA × Fail

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 73.8167, 0.3332, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

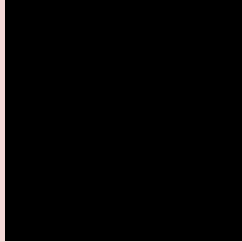
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

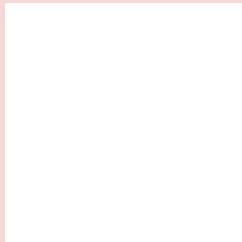
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8167, 0.3332, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 73.8167, 0.3332, 0.3301.

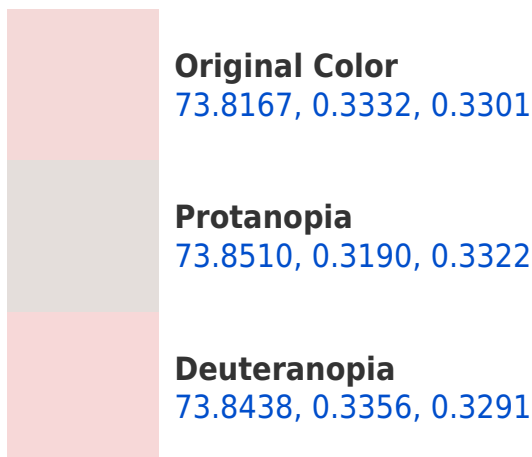


This preview shows how white text looks on a background with the Yxy color 73.8167, 0.3332, 0.3301.

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

73.9632, 0.3244, 0.3127

Trichromacy



Original Color

73.8167, 0.3332, 0.3301

Protanomaly

73.7408, 0.3241, 0.3312

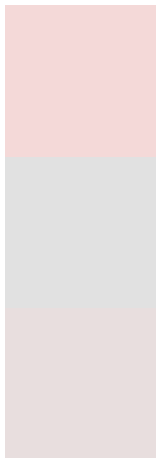
Deuteranomaly

73.6624, 0.3348, 0.3291

Tritanomaly

74.0152, 0.3271, 0.3188

Monochromacy



Original Color

73.8167, 0.3332, 0.3301

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6723, 0.3198, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8167, 0.3332, 0.3301 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(244, 217, 216)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 216)  
}
```

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(244, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 216) }
```

Border

The CSS property to change the border of an element to Yxy 73.8167, 0.3332, 0.3301 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(244, 217, 216) }
```

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

```
.border{ border-color:rgb(244, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8167, 0.3332, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 216) }
```

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

```
.background{ background-color: rgb(244,  
217, 216) }
```

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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