

Converting Colors

$Y_{xy}(74.5897, 0.3213, 0.3171)$

Have a look what the booklet for
Yxy(74.5897, 0.3213, 0.3171)
contains.

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Color

Yxy(74.5568, 0.3212, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	F1DAE6
RGB	241, 218, 230
RGB Percent	95%, 85%, 90%
CMY	0.0551, 0.1450, 0.0982
CMYK	0.00, 0.10, 0.05, 0.06
HSL	329°, 45%, 90%
HSV	329°, 10%, 94%
XYZ	75.6162, 74.5568, 85.2448
YIQ	226.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

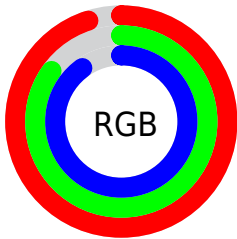
Format	Color
R _Y B	241, 218, 230
Decimal	15850214
CIE Lab	89.18, 9.92, -2.98
CIE LCh	89, 10.354, 343.285
Yxy	74.5568, 0.3212, 0.3167
Android (android.graphics.Color)	4294040294 (0xFFFF1DAE6)
YUV	226.2450, 1.8512, 12.9401
Hunter-Lab	86.3463, 5.2121, 1.9088

Details

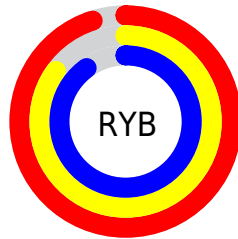
The Yxy color **74.5568, 0.3212, 0.3167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.4545, 0.3050, 0.3416**, and the grayscale version is **76.2187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6038, 0.3229, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **62.3290, 0.3319, 0.3031**, and if you desaturate by 10%, it is **88.6508, 0.3123, 0.3296**.

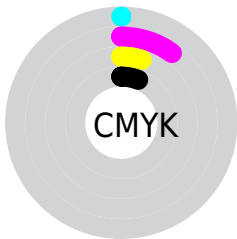
Distribution



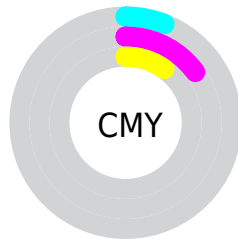
- Red (95%)
- Green (85%)
- Blue (90%)



- Red (95%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5568, 0.3212, 0.3167 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 74.5568, 0.3212, 0.3167 by changing the saturation by 10% instead.


 74.5568, 0.3212,
0.3167

 74.5568, 0.3212,
0.3167


476.3929, 0.3173,
0.3223

 55.2499, 0.3221,
0.3154

125.6848, 0.3199,
0.3186

 39.6018, 0.3232,
0.3139


158.2747, 0.3193,
0.3194

 27.2282, 0.3245,
0.3119


196.0610, 0.3189,
0.3200

 17.7447, 0.3263,
0.3094

239.4281, 0.3185,
0.3206

 10.7669, 0.3287,
0.3059

288.7605, 0.3181,
0.3211

 5.9103, 0.3321,
0.3011

344.4424, 0.3178,

 2.7906, 0.3374,

0.3216

0.2936

406.8584, 0.3176,
0.3220

■ 1.0234, 0.3466,
0.2806

■ 0.0000, 0.5871,
0.0000

■ 74.5568, 0.3212,
0.3167

■ 74.5568, 0.3212,
0.3167

■ 62.3290, 0.3319,
0.3031

■ 88.6508, 0.3123,
0.3296

■ 51.8789, 0.3447,
0.2891

■ 97.3098, 0.3052,
0.3309

■ 43.1250, 0.3599,
0.2752

■ 97.4339, 0.3041,
0.3290

■ 35.9760, 0.3775,
0.2622

■ 30.3315, 0.3976,
0.2510

■ 26.0801, 0.4198,
0.2428

■ 23.0945, 0.4432,
0.2391

■ 21.2234, 0.4667,
0.2406

■ 20.2267, 0.4894,
0.2472

Harmonies

Analogous

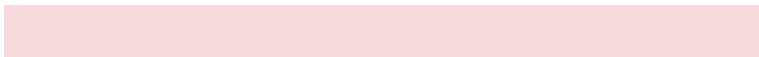
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5568, 0.3087, 0.3100



74.5568, 0.3212, 0.3167



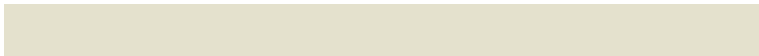
74.5568, 0.3316, 0.3266

Triad

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



74.5568, 0.3212, 0.3167



74.5568, 0.3280, 0.3505



74.5568, 0.2892, 0.3199

Complementary

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



74.5568, 0.3212, 0.3167



83.4545, 0.3050, 0.3416

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.



74.5568, 0.2941, 0.3310



74.5568, 0.3212, 0.3167



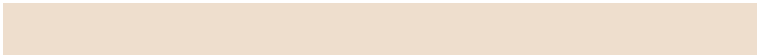
74.5568, 0.3164, 0.3490

Square

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



74.5568, 0.3212, 0.3167



74.5568, 0.3355, 0.3461



74.5568, 0.3040, 0.3418



74.5568, 0.2904, 0.3116

Rectangle

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



74.5568, 0.3212, 0.3167



74.5568, 0.3358, 0.3338



74.5568, 0.3040, 0.3418



74.5568, 0.2902, 0.3235

Sweetspot

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



74.5601, 0.3212, 0.3167



94.9819, 0.3152, 0.3252



73.1164, 0.3052, 0.3050



20.0501, 0.3159, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

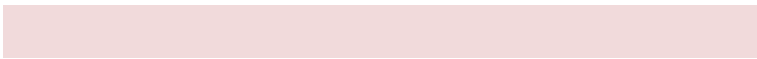
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5601, 0.3212, 0.3167



82.5551, 0.3227, 0.3147



73.9519, 0.3289, 0.3283



15.8964, 0.3212, 0.3168



10.9786, 0.4870, 0.2457



0.9334, 0.4592, 0.2303

Inverse Universe

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



74.5601, 0.3212, 0.3167



82.5551, 0.3227, 0.3147



84.0995, 0.2985, 0.3298



15.8964, 0.3212, 0.3168



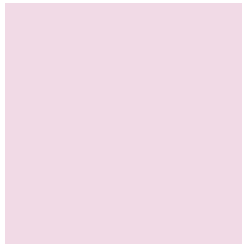
10.9786, 0.4870, 0.2457



0.9334, 0.4592, 0.2303

Previews

White Background



This preview shows how the Yxy color 74.5568, 0.3212, 0.3167 looks on a white background.

Color Contrast Check

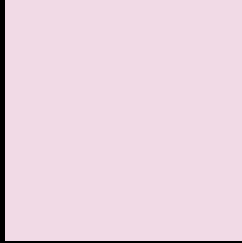
Large Text (above 18pt) WCAG AA × Fail

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 74.5568, 0.3212, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

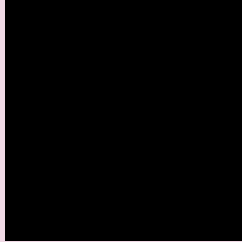
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5568, 0.3212, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 74.5568, 0.3212, 0.3167.

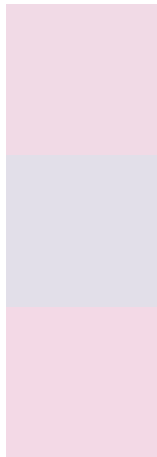


This preview shows how white text looks on a background with the Yxy color 74.5568, 0.3212, 0.3167.

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

74.5568, 0.3212, 0.3167

Protanopia

74.8273, 0.3083, 0.3184

Deuteranopia

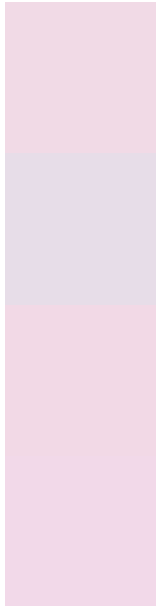
74.3936, 0.3227, 0.3157



Tritanopia

74.4435, 0.3193, 0.3116

Trichromacy



Original Color

74.5568, 0.3212, 0.3167

Protanomaly

74.5280, 0.3126, 0.3175

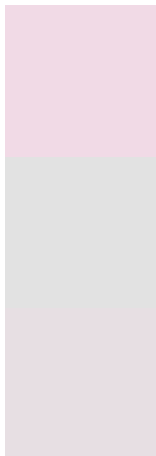
Deuteranomaly

74.2161, 0.3220, 0.3156

Tritanomaly

74.3861, 0.3200, 0.3126

Monochromacy



Original Color

74.5568, 0.3212, 0.3167

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3103, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5568, 0.3212, 0.3167 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, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 230)  
}
```

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, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.5568, 0.3212, 0.3167 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, 218, 230) }
```

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

```
.border{ border-color:rgb(241, 218, 230) }
```

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

Here you see how a box with a 4 pixel rgb(241, 218, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5568, 0.3212, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 230) }
```

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

```
.background{ background-color: rgb(241,  
218, 230) }
```

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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