

Converting Colors

Yxy(74.8096, 0.3201, 0.3162)

Have a look what the booklet for
Yxy(74.8096, 0.3201, 0.3162)
contains.

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Color

Yxy(74.9578, 0.3197, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE7
RGB	240, 219, 231
RGB Percent	94%, 86%, 91%
CMY	0.0589, 0.1412, 0.0940
CMYK	0.00, 0.09, 0.04, 0.06
HSL	326°, 41%, 90%
HSV	326°, 9%, 94%
XYZ	75.6918, 74.9578, 86.1091
YIQ	226.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

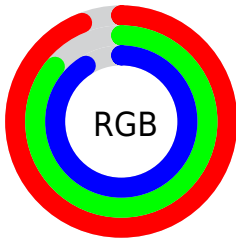
Format	Color
R _Y B	240, 219, 231
Decimal	15784935
CIE Lab	89.37, 9.26, -3.27
CIE LCh	89, 9.821, 340.525
Yxy	74.9578, 0.3197, 0.3166
Android (android.graphics.Color)	4293975015 (0xFFFF0DBE7)
YUV	226.6470, 2.1460, 11.7106
Hunter-Lab	86.5782, 4.5434, 1.6359

Details

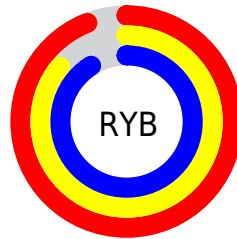
The Yxy color **74.9578, 0.3197, 0.3166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.9734, 0.3063, 0.3417**, and the grayscale version is **76.5281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8364, 0.3218, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **62.7667, 0.3292, 0.3017**, and if you desaturate by 10%, it is **88.9945, 0.3118, 0.3307**.

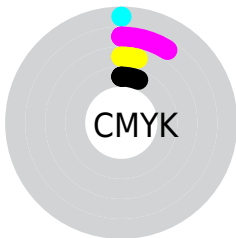
Distribution



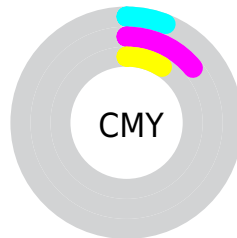
- Red (94%)
- Green (86%)
- Blue (91%)



- Red (94%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9578, 0.3197, 0.3166 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 74.9578, 0.3197, 0.3166 by changing the saturation by 10% instead.


 74.9578, 0.3197,
0.3166

 74.9578, 0.3197,
0.3166


477.7725, 0.3165,
0.3223

 55.5783, 0.3204,
0.3153


126.2526, 0.3186,
0.3185

 39.8649, 0.3213,
0.3138

158.9368, 0.3182,
0.3193

 27.4333, 0.3224,
0.3118


196.8246, 0.3178,
0.3200

 17.8989, 0.3239,
0.3092

240.3004, 0.3175,
0.3205

 10.8774, 0.3258,
0.3058

289.7488, 0.3172,
0.3211

 5.9845, 0.3286,
0.3009

345.5540, 0.3169,

 2.8356, 0.3328,

0.3215

0.2934

408.1004, 0.3167,
0.3219

■ 1.0465, 0.3402,
0.2805

■ 0.0000, 0.5107,
0.0000

■ 74.9578, 0.3197,
0.3166

■ 74.9578, 0.3197,
0.3166

■ 62.7667, 0.3292,
0.3017

■ 88.9945, 0.3118,
0.3307

■ 52.3338, 0.3404,
0.2864

■ 97.0405, 0.3055,
0.3324

■ 43.5795, 0.3537,
0.2712

■ 97.2633, 0.3035,
0.3290

■ 36.4139, 0.3690,
0.2568

■ 30.7390, 0.3864,
0.2443

■ 26.4456, 0.4054,
0.2347

■ 23.4093, 0.4254,
0.2294

■ 21.4831, 0.4457,
0.2293

■ 20.4509, 0.4654,
0.2343

Harmonies

Analogous

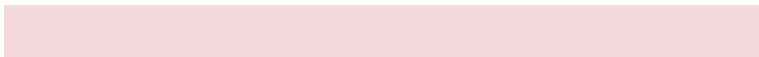
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9578, 0.3078, 0.3106



74.9578, 0.3197, 0.3166



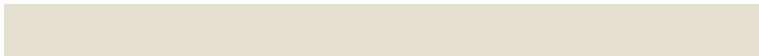
74.9578, 0.3298, 0.3258

Triad

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



74.9578, 0.3197, 0.3166



74.9578, 0.3280, 0.3492



74.9578, 0.2906, 0.3213

Complementary

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



74.9578, 0.3197, 0.3166



82.9734, 0.3063, 0.3417

Split Complementary

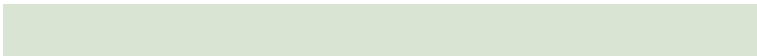
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9578, 0.2958, 0.3319



74.9578, 0.3197, 0.3166



74.9578, 0.3173, 0.3483

Square

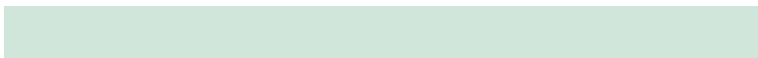
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9578, 0.3197, 0.3166



74.9578, 0.3347, 0.3446



74.9578, 0.3055, 0.3419



74.9578, 0.2912, 0.3131

Rectangle

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



74.9578, 0.3197, 0.3166



74.9578, 0.3342, 0.3327



74.9578, 0.3055, 0.3419



74.9578, 0.2917, 0.3247

Sweetspot

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



74.9611, 0.3197, 0.3166



95.0075, 0.3150, 0.3248



73.4094, 0.3052, 0.3070



20.0570, 0.3156, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

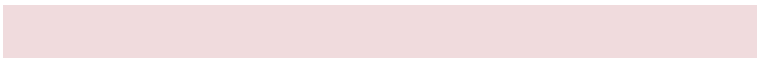
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9611, 0.3197, 0.3166



84.1150, 0.3208, 0.3147



74.3966, 0.3267, 0.3272



15.9108, 0.3203, 0.3155



11.1672, 0.4649, 0.2335



0.9489, 0.4407, 0.2201

Inverse Universe

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



74.9611, 0.3197, 0.3166



84.1150, 0.3208, 0.3147



83.5617, 0.3002, 0.3308



15.9108, 0.3203, 0.3155



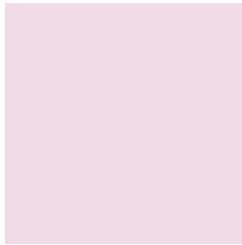
11.1672, 0.4649, 0.2335



0.9489, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 74.9578, 0.3197, 0.3166 looks on a white background.

Color Contrast Check

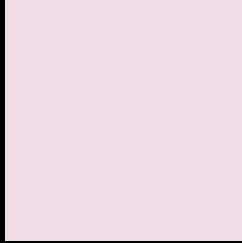
Large Text (above 18pt) WCAG AA × Fail

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 74.9578, 0.3197, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

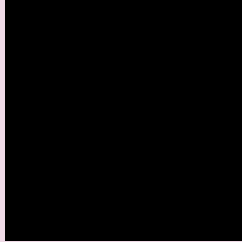
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9578, 0.3197, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 74.9578, 0.3197, 0.3166.



This preview shows how white text looks on a background with the Yxy color 74.9578, 0.3197, 0.3166.

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

74.9578, 0.3197, 0.3166

Protanopia

74.8846, 0.3077, 0.3174

Deuteranopia

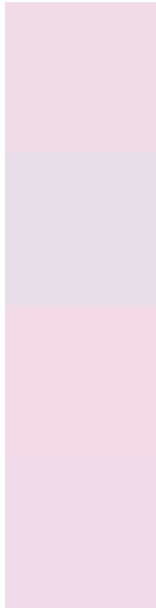
74.9670, 0.3220, 0.3157



Tritanopia

74.8417, 0.3178, 0.3116

Trichromacy



Original Color

74.9578, 0.3197, 0.3166

Protanomaly

75.1147, 0.3119, 0.3175

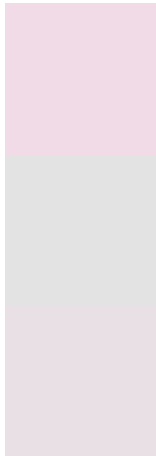
Deuteranomaly

74.7896, 0.3212, 0.3157

Tritanomaly

74.7841, 0.3185, 0.3126

Monochromacy



Original Color

74.9578, 0.3197, 0.3166

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0686, 0.3157, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9578, 0.3197, 0.3166 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(240, 219, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 231)  
}
```

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(240, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.9578, 0.3197, 0.3166 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(240, 219, 231) }
```

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

```
.border{ border-color:rgb(240, 219, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9578, 0.3197, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 231) }
```

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

```
.background{ background-color: rgb(240,  
219, 231) }
```

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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