

Converting Colors

Yxy(73.9426, 0.3210, 0.3113)

Have a look what the booklet for
Yxy(73.9426, 0.3210, 0.3113)
contains.

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Color

Yxy(74.0496, 0.3208, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8E9
RGB	243, 216, 233
RGB Percent	95%, 85%, 91%
CMY	0.0469, 0.1530, 0.0863
CMYK	0.00, 0.11, 0.04, 0.05
HSL	322°, 53%, 90%
HSV	322°, 11%, 95%
XYZ	76.2359, 74.0496, 87.3576
YIQ	226.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

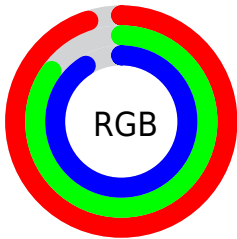
Format	Color
R _Y B	243, 216, 233
Decimal	15980777
CIE Lab	88.95, 12.21, -4.90
CIE LCh	89, 13.156, 338.130
Yxy	74.0496, 0.3208, 0.3116
Android (android.graphics.Color)	4294170857 (0xFFFF3D8E9)
YUV	226.0110, 3.4456, 14.8994
Hunter-Lab	86.0521, 7.5470, 0.0469

Details

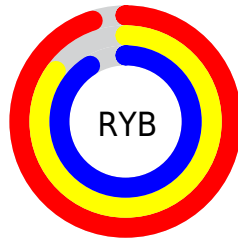
The Yxy color **74.0496, 0.3208, 0.3116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2193, 0.3054, 0.3471**, and the grayscale version is **76.0354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2289, 0.3232, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **62.0043, 0.3295, 0.2952**, and if you desaturate by 10%, it is **87.9696, 0.3135, 0.3273**.

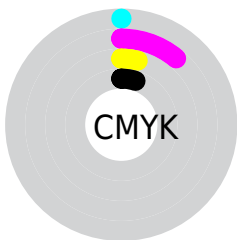
Distribution



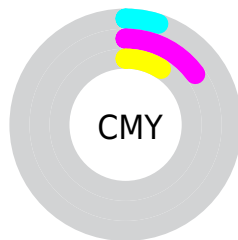
- Red (95%)
- Green (85%)
- Blue (91%)



- Red (95%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0496, 0.3208, 0.3116 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 74.0496, 0.3208, 0.3116 by changing the saturation by 10% instead.

 74.0496, 0.3208,
0.3116

 74.0496, 0.3208,
0.3116

474.6445, 0.3171,
0.3195

 54.8346, 0.3216,
0.3098


124.9661, 0.3195,
0.3143

 39.2693, 0.3226,
0.3076


157.4365, 0.3190,
0.3154

 26.9693, 0.3239,
0.3049


195.0940, 0.3186,
0.3163

 17.5502, 0.3256,
0.3013

238.3233, 0.3182,
0.3171

 10.6275, 0.3278,
0.2966

287.5086, 0.3179,
0.3178

 5.8170, 0.3309,
0.2898

343.0343, 0.3176,

 2.7341, 0.3357,

0.3185

0.2795

405.2848, 0.3174,
0.3190

0.9945, 0.3438,
0.2620

0.0000, 0.4647,
0.0000

74.0496, 0.3208,
0.3116

74.0496, 0.3208,
0.3116

62.0043, 0.3295,
0.2952

87.9696, 0.3135,
0.3273

51.7430, 0.3398,
0.2785

97.5513, 0.3076,
0.3328

43.1821, 0.3517,
0.2621

97.8027, 0.3054,
0.3290

36.2273, 0.3653,
0.2469

■ 30.7752, 0.3804,
0.2338

■ 26.7100, 0.3967,
0.2241

■ 23.8990, 0.4137,
0.2188

■ 22.1833, 0.4305,
0.2187

■ 21.3533, 0.4451,
0.2226

Harmonies

Analogous

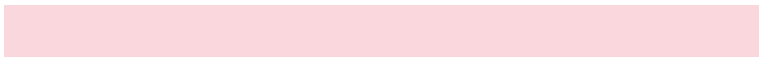
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0496, 0.3048, 0.3040



74.0496, 0.3208, 0.3116



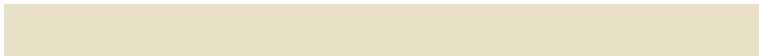
74.0496, 0.3349, 0.3236

Triad

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



74.0496, 0.3208, 0.3116



74.0496, 0.3342, 0.3560



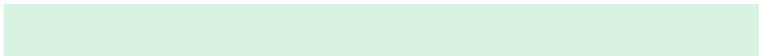
74.0496, 0.2834, 0.3196

Complementary

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



74.0496, 0.3208, 0.3116



84.2193, 0.3054, 0.3471

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.



74.0496, 0.2909, 0.3341



74.0496, 0.3208, 0.3116



74.0496, 0.3200, 0.3555

Square

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



74.0496, 0.3208, 0.3116



74.0496, 0.3427, 0.3491



74.0496, 0.3042, 0.3474



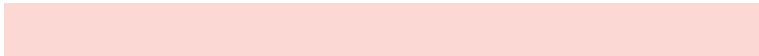
74.0496, 0.2835, 0.3082

Rectangle

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



74.0496, 0.3208, 0.3116



74.0496, 0.3411, 0.3327



74.0496, 0.3042, 0.3474



74.0496, 0.2851, 0.3243

Sweetspot

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



74.0528, 0.3208, 0.3116



95.0340, 0.3147, 0.3244



71.7357, 0.3020, 0.3005



20.0642, 0.3153, 0.3232



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.



74.0528, 0.3208, 0.3116



79.8746, 0.3223, 0.3085



73.3163, 0.3301, 0.3253



16.6577, 0.3195, 0.3142



11.7415, 0.4426, 0.2212



1.0518, 0.4232, 0.2105

Inverse Universe

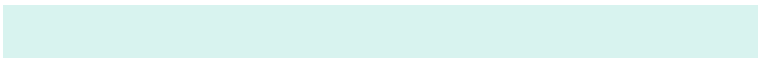
The Inverse Universe completely reimagines the original color for something new.



74.0528, 0.3208, 0.3116



79.8746, 0.3223, 0.3085



84.9837, 0.2977, 0.3327



16.6577, 0.3195, 0.3142



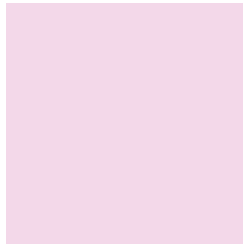
11.7415, 0.4426, 0.2212



1.0518, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 74.0496, 0.3208, 0.3116 looks on a white background.

Color Contrast Check

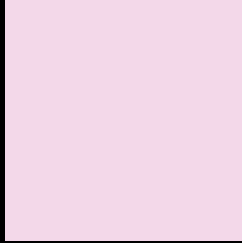
Large Text (above 18pt) WCAG AA × Fail

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 74.0496, 0.3208, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

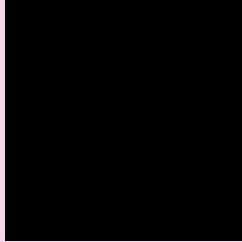
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0496, 0.3208, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 74.0496, 0.3208, 0.3116.



This preview shows how white text looks on a background with the Yxy color 74.0496, 0.3208, 0.3116.

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

74.0496, 0.3208, 0.3116

Protanopia

74.2043, 0.3044, 0.3131

Deuteranopia

74.2097, 0.3192, 0.3126



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

74.0496, 0.3208, 0.3116

Protanomaly

74.2315, 0.3100, 0.3123

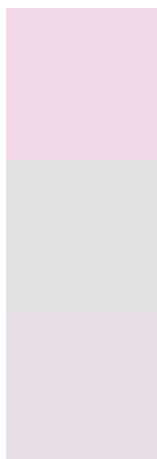
Deuteranomaly

74.3861, 0.3200, 0.3126

Tritanomaly

74.0496, 0.3208, 0.3116

Monochromacy



Original Color

74.0496, 0.3208, 0.3116

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.0555, 0.3152, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0496, 0.3208, 0.3116 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(243, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 233)  
}
```

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(243, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.0496, 0.3208, 0.3116 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(243, 216, 233) }
```

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

```
.border{ border-color:rgb(243, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0496, 0.3208, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 233) }
```

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

```
.background{ background-color: rgb(243,  
216, 233) }
```

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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