

Converting Colors

$Yxy(71.2447, 0.3246, 0.3115)$

Have a look what the booklet for
Yxy(71.2447, 0.3246, 0.3115)
contains.

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Color

Yxy(71.2447, 0.3246, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	F3D3E4
RGB	243, 211, 228
RGB Percent	95%, 83%, 89%
CMY	0.0473, 0.1724, 0.1059
CMYK	0.00, 0.13, 0.06, 0.05
HSL	328°, 57%, 89%
HSV	328°, 13%, 95%
XYZ	74.2409, 71.2447, 83.2294
YIQ	222.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

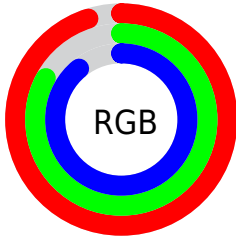
Format	Color
R _Y B	243, 211, 228
Decimal	15979492
CIE Lab	87.60, 13.91, -4.24
CIE LCh	88, 14.538, 343.044
Yxy	71.2447, 0.3246, 0.3115
Android (android.graphics.Color)	4294169572 (0xFFFF3D3E4)
YUV	222.5060, 2.7085, 17.9732
Hunter-Lab	84.4066, 9.2904, 0.6215

Details

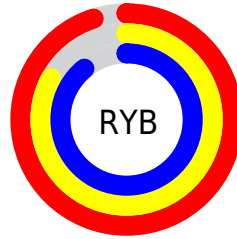
The Yxy color **71.2447, 0.3246, 0.3115** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4032, 0.3023, 0.3472**, and the grayscale version is **73.3936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3589, 0.3275, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **59.4620, 0.3358, 0.2974**, and if you desaturate by 10%, it is **84.8993, 0.3153, 0.3250**.

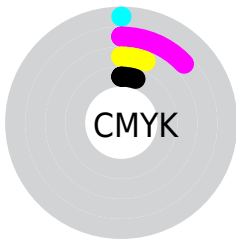
Distribution



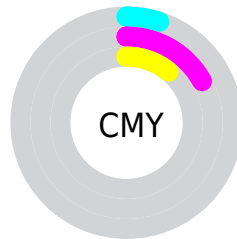
- Red (95%)
- Green (83%)
- Blue (89%)



- Red (95%)
- Yellow (83%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (5%)




- Cyan (5%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2447, 0.3246, 0.3115 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 71.2447, 0.3246, 0.3115 by changing the saturation by 10% instead.

 71.2447, 0.3246,
0.3115

 71.2447, 0.3246,
0.3115


464.9084, 0.3191,
0.3195

 52.5419, 0.3258,
0.3097


120.9821, 0.3227,
0.3143

 37.4372, 0.3274,
0.3074


152.7855, 0.3220,
0.3154

 25.5462, 0.3293,
0.3046


189.7245, 0.3213,
0.3163

 16.4844, 0.3318,
0.3010

232.1836, 0.3208,
0.3171

 9.8676, 0.3353,
0.2960

280.5471, 0.3203,
0.3178

 5.3113, 0.3402,
0.2889

335.1995, 0.3199,

 2.4310, 0.3479,

0.3185

0.2780

396.5251, 0.3195,
0.3190

0.8418, 0.3615,
0.2588

0.0000, 0.9201,
0.0000

71.2447, 0.3246,
0.3115

71.2447, 0.3246,
0.3115

59.4620, 0.3358,
0.2974

84.8993, 0.3153,
0.3250

49.4595, 0.3491,
0.2831

97.5116, 0.3077,
0.3331

41.1518, 0.3648,
0.2692

97.7825, 0.3053,
0.3290

34.4426, 0.3829,
0.2564

■ 29.2259, 0.4032,
0.2459

■ 25.3828, 0.4253,
0.2390

■ 22.7759, 0.4482,
0.2368

■ 21.2388, 0.4709,
0.2401

■ 20.6313, 0.4859,
0.2451

Harmonies

Analogous

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



71.2447, 0.3067, 0.3021



71.2447, 0.3246, 0.3115



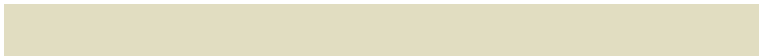
71.2447, 0.3396, 0.3253

Triad

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



71.2447, 0.3246, 0.3115



71.2447, 0.3345, 0.3598



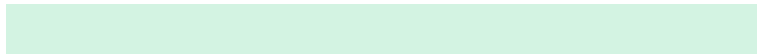
71.2447, 0.2794, 0.3160

Complementary

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



71.2447, 0.3246, 0.3115



83.4032, 0.3023, 0.3472

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.



71.2447, 0.2864, 0.3319



71.2447, 0.3246, 0.3115



71.2447, 0.3180, 0.3579

Square

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



71.2447, 0.3246, 0.3115



71.2447, 0.3453, 0.3532



71.2447, 0.3004, 0.3475



71.2447, 0.2810, 0.3042

Rectangle

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



71.2447, 0.3246, 0.3115



71.2447, 0.3457, 0.3355



71.2447, 0.3004, 0.3475



71.2447, 0.2808, 0.3210

Sweetspot

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



71.2478, 0.3246, 0.3115



93.3600, 0.3160, 0.3238



69.2269, 0.3021, 0.2953



19.7239, 0.3167, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

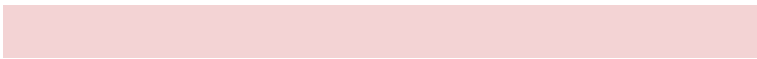
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2478, 0.3246, 0.3115



75.5042, 0.3276, 0.3075



70.4052, 0.3360, 0.3280



16.6298, 0.3210, 0.3165



11.3580, 0.4826, 0.2432



1.0190, 0.4568, 0.2290

Inverse Universe

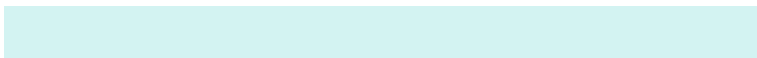
The Inverse Universe completely reimagines the original color for something new.



71.2478, 0.3246, 0.3115



75.5042, 0.3276, 0.3075



84.3166, 0.2932, 0.3301



16.6298, 0.3210, 0.3165



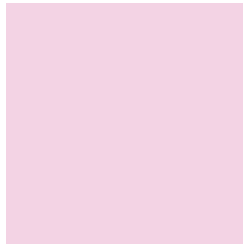
11.3580, 0.4826, 0.2432



1.0190, 0.4568, 0.2290

Previews

White Background



This preview shows how the Yxy color 71.2447, 0.3246, 0.3115 looks on a white background.

Color Contrast Check

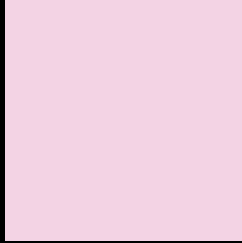
Large Text (above 18pt) WCAG AA × Fail

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 71.2447, 0.3246, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

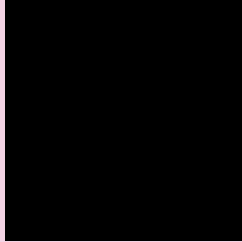
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2447, 0.3246, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 71.2447, 0.3246, 0.3115.



This preview shows how white text looks on a background with the Yxy color 71.2447, 0.3246, 0.3115.

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

71.2447, 0.3246, 0.3115

Protanopia

71.1846, 0.3049, 0.3139

Deuteranopia

71.1945, 0.3200, 0.3133



Tritanopia

71.2447, 0.3246, 0.3115

Trichromacy



Original Color

71.2447, 0.3246, 0.3115

Protanomaly

70.8644, 0.3114, 0.3120

Deuteranomaly

71.0391, 0.3216, 0.3123

Tritanomaly

71.2447, 0.3246, 0.3115

Monochromacy



Original Color

71.2447, 0.3246, 0.3115

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9223, 0.3166, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2447, 0.3246, 0.3115 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, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 228)  
}
```

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, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.2447, 0.3246, 0.3115 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, 211, 228) }
```

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

```
.border{ border-color:rgb(243, 211, 228) }
```

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

Here you see how a box with a 4 pixel rgb(243, 211, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2447, 0.3246, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 228) }
```

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

```
.background{ background-color: rgb(243,  
211, 228) }
```

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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