

Converting Colors

$Y_{xy}(70.8907, 0.3232, 0.3114)$

Have a look what the booklet for
Yxy(70.8907, 0.3232, 0.3114)
contains.

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Color

Yxy(70.8907, 0.3232, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	F1D3E4
RGB	241, 211, 228
RGB Percent	95%, 83%, 89%
CMY	0.0548, 0.1726, 0.1060
CMYK	0.00, 0.12, 0.05, 0.05
HSL	326°, 52%, 89%
HSV	326°, 12%, 95%
XYZ	73.5770, 70.8907, 83.1839
YIQ	221.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

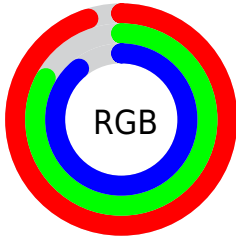
Format	Color
R _Y B	241, 211, 228
Decimal	15848420
CIE Lab	87.43, 13.27, -4.50
CIE LCh	87, 14.013, 341.256
Yxy	70.8907, 0.3232, 0.3114
Android (android.graphics.Color)	4294038500 (0xFFFF1D3E4)
YUV	221.9080, 3.0034, 16.7437
Hunter-Lab	84.1966, 8.6419, 0.3608

Details

The Yxy color **70.8907, 0.3232, 0.3114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1603, 0.3034, 0.3473**, and the grayscale version is **72.9532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1084, 0.3255, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **59.2380, 0.3335, 0.2965**, and if you desaturate by 10%, it is **84.3804, 0.3146, 0.3256**.

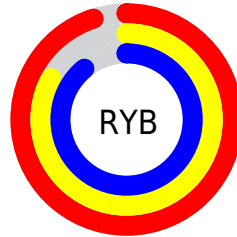
Distribution



Red (95%)

Green (83%)

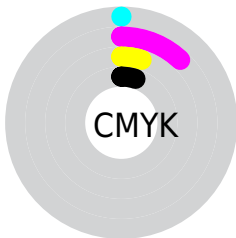
Blue (89%)



Red (95%)

Yellow (83%)

Blue (89%)

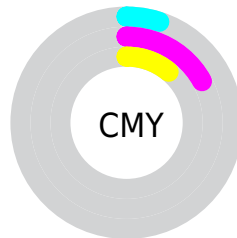


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (5%)



Cyan (5%)


Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8907, 0.3232, 0.3114 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 70.8907, 0.3232, 0.3114 by changing the saturation by 10% instead.

 70.8907, 0.3232,
0.3114

 70.8907, 0.3232,
0.3114

463.6713, 0.3184,
0.3195

 52.2530, 0.3243,
0.3096


120.4781, 0.3215,
0.3142

 37.2068, 0.3256,
0.3073


152.1966, 0.3209,
0.3153

 25.3676, 0.3273,
0.3045

189.0441, 0.3203,
0.3162

 16.3512, 0.3296,
0.3008

231.4051, 0.3198,
0.3170

 9.7730, 0.3326,
0.2958

279.6639, 0.3194,
0.3178

 5.2487, 0.3369,
0.2886

334.2049, 0.3190,

 2.3939, 0.3436,

0.3184

0.2776

395.4126, 0.3187,
0.3190

0.8228, 0.3557,
0.2580

0.0000, 0.9109,
0.0000

70.8907, 0.3232,
0.3114

70.8907, 0.3232,
0.3114

59.2380, 0.3335,
0.2965

84.3804, 0.3146,
0.3256

49.3327, 0.3457,
0.2814

97.0608, 0.3076,
0.3349

41.0917, 0.3600,
0.2666

97.4456, 0.3042,
0.3290

34.4212, 0.3765,
0.2529

■ 29.2183, 0.3949,
0.2415

■ 25.3674, 0.4149,
0.2336

■ 22.7355, 0.4357,
0.2303

■ 21.1622, 0.4563,
0.2324

■ 20.4902, 0.4714,
0.2371

Harmonies

Analogous

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



70.8907, 0.3059, 0.3026



70.8907, 0.3232, 0.3114



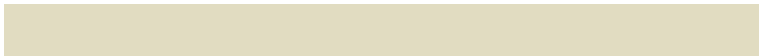
70.8907, 0.3380, 0.3246

Triad

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



70.8907, 0.3232, 0.3114



70.8907, 0.3345, 0.3585



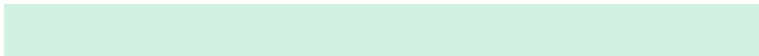
70.8907, 0.2807, 0.3173

Complementary

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



70.8907, 0.3232, 0.3114



82.1603, 0.3034, 0.3473

Split Complementary

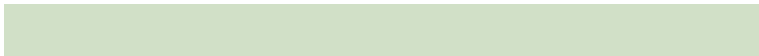
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.8907, 0.2879, 0.3328



70.8907, 0.3232, 0.3114



70.8907, 0.3188, 0.3572

Square

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



70.8907, 0.3232, 0.3114



70.8907, 0.3446, 0.3517



70.8907, 0.3018, 0.3476



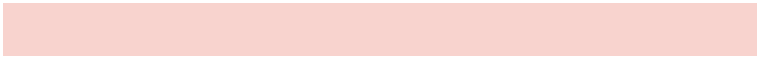
70.8907, 0.2817, 0.3056

Rectangle

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



70.8907, 0.3232, 0.3114



70.8907, 0.3442, 0.3344



70.8907, 0.3018, 0.3476



70.8907, 0.2822, 0.3222

Sweetspot

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



70.8938, 0.3232, 0.3114



93.3815, 0.3158, 0.3235



68.7899, 0.3020, 0.2971



19.7294, 0.3164, 0.3224



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.



70.8938, 0.3232, 0.3114



76.9519, 0.3257, 0.3076



70.0980, 0.3339, 0.3270



15.9086, 0.3205, 0.3157



11.1361, 0.4683, 0.2354



0.9464, 0.4435, 0.2217

Inverse Universe

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



70.8938, 0.3232, 0.3114



76.9519, 0.3257, 0.3076



83.0091, 0.2948, 0.3311



15.9086, 0.3205, 0.3157



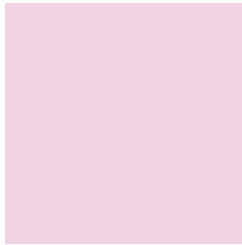
11.1361, 0.4683, 0.2354



0.9464, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 70.8907, 0.3232, 0.3114 looks on a white background.

Color Contrast Check

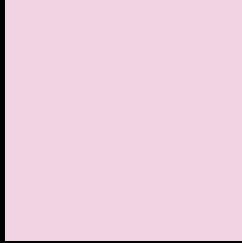
Large Text (above 18pt) WCAG AA × Fail

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 70.8907, 0.3232, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

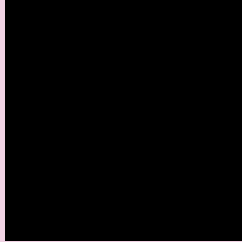
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8907, 0.3232, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 70.8907, 0.3232, 0.3114.

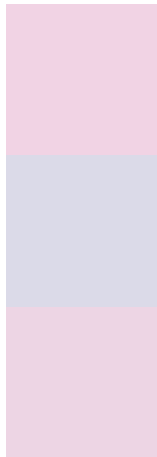


This preview shows how white text looks on a background with the Yxy color 70.8907, 0.3232, 0.3114.

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

70.8907, 0.3232, 0.3114

Protanopia

71.0291, 0.3042, 0.3139

Deuteranopia

71.1945, 0.3200, 0.3133



Tritanopia

70.8907, 0.3232, 0.3114

Trichromacy



Original Color

70.8907, 0.3232, 0.3114

Protanomaly

70.7013, 0.3106, 0.3120

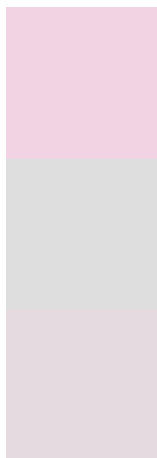
Deuteranomaly

70.8655, 0.3209, 0.3123

Tritanomaly

70.8907, 0.3232, 0.3114

Monochromacy



Original Color

70.8907, 0.3232, 0.3114

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1826, 0.3166, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8907, 0.3232, 0.3114 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, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 211, 228) }
```

Border

The CSS property to change the border of an element to Yxy 70.8907, 0.3232, 0.3114 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, 211, 228) }
```

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

```
.border{ border-color:rgb(241, 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(241, 211, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 211, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 211, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 211,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8907, 0.3232, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 211, 228) }
```

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

```
.background{ background-color: rgb(241,  
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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