

Converting Colors

$Y_{xy}(81.3114, 0.3214, 0.3099)$

Have a look what the booklet for
Yxy(81.3114, 0.3214, 0.3099)
contains.

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Color

Yxy(81.1030, 0.3213, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F4
RGB	255, 224, 244
RGB Percent	100%, 88%, 96%
CMY	0.0000, 0.1215, 0.0431
CMYK	0.00, 0.12, 0.04, 0.00
HSL	321°, 100%, 94%
HSV	321°, 12%, 100%
XYZ	84.2223, 81.1030, 96.8046
YIQ	235.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

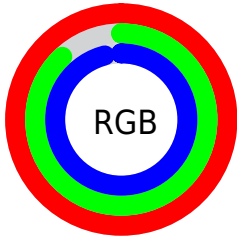
Format	Color
R_{YB}	255, 224, 244
Decimal	16769268
CIE _{Lab}	92.18, 13.97, -5.80
CIE _{LCh}	92, 15.123, 337.448
Yxy	81.1030, 0.3213, 0.3094
Android (android.graphics.Color)	4294959348 (0xFFFFE0F4)
YUV	235.5490, 4.1663, 17.0585
Hunter-Lab	90.0572, 9.3348, -0.6922

Details

The Yxy color **81.1030, 0.3213, 0.3094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.3615, 0.3050, 0.3494**, and the grayscale version is **83.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0125, 0.3229, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **67.8760, 0.3298, 0.2925**, and if you desaturate by 10%, it is **96.4194, 0.3141, 0.3256**.

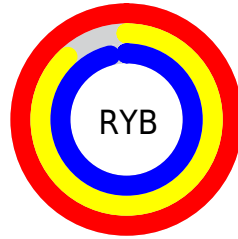
Distribution



Red (100%)

Green (88%)

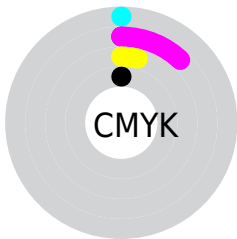
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

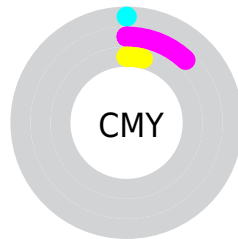


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1030, 0.3213, 0.3094 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 81.1030, 0.3213, 0.3094 by changing the saturation by 10% instead.

 81.1030, 0.3213,
0.3094

 81.1030, 0.3213,
0.3094


498.6423, 0.3175,
0.3182

 60.6264, 0.3221,
0.3075


134.9154, 0.3200,
0.3124

 43.9238, 0.3232,
0.3051


169.0200, 0.3195,
0.3136

 30.6106, 0.3244,
0.3022


208.4361, 0.3190,
0.3146

 20.3025, 0.3261,
0.2985

253.5480, 0.3187,
0.3155

 12.6151, 0.3282,
0.2935

304.7402, 0.3183,
0.3163

 7.1641, 0.3312,
0.2866

362.3971, 0.3180,

 3.5649, 0.3356,

0.3170

0.2765

426.9029, 0.3177,
0.3176

■ 1.4333, 0.3427,
0.2601

■ 0.2411, 0.3854,
0.1630

■ 81.1030, 0.3213,
0.3094

■ 81.1030, 0.3213,
0.3094

■ 67.8760, 0.3298,
0.2925

■ 96.4194, 0.3141,
0.3256

■ 56.6361, 0.3399,
0.2754

99.9984, 0.3127,
0.3290

■ 47.2884, 0.3514,
0.2586

■ 39.7261, 0.3646,
0.2432

■ 33.8316, 0.3791,
0.2300

■ 29.4730, 0.3946,
0.2204

■ 26.4984, 0.4106,
0.2154

■ 24.7245, 0.4264,
0.2156

■ 23.9588, 0.4385,
0.2189

Harmonies

Analogous

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



81.1030, 0.3035, 0.3011



81.1030, 0.3213, 0.3094



81.1030, 0.3371, 0.3226

Triad

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



81.1030, 0.3213, 0.3094



81.1030, 0.3370, 0.3590



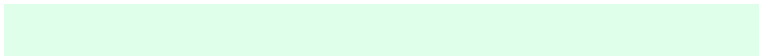
81.1030, 0.2802, 0.3188

Complementary

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



81.1030, 0.3213, 0.3094



93.3615, 0.3050, 0.3494

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.



81.1030, 0.2887, 0.3350



81.1030, 0.3213, 0.3094



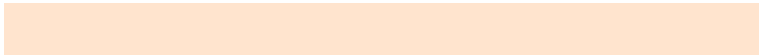
81.1030, 0.3212, 0.3588

Square

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



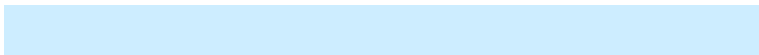
81.1030, 0.3213, 0.3094



81.1030, 0.3463, 0.3511



81.1030, 0.3036, 0.3499



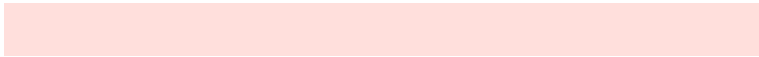
81.1030, 0.2802, 0.3060

Rectangle

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



81.1030, 0.3213, 0.3094



81.1030, 0.3443, 0.3326



81.1030, 0.3036, 0.3499



81.1030, 0.2821, 0.3240

Sweetspot

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



81.1065, 0.3213, 0.3094



93.4330, 0.3153, 0.3227



78.1729, 0.3005, 0.2977



19.7424, 0.3159, 0.3215



0.0000, 0.0000, 0.0000



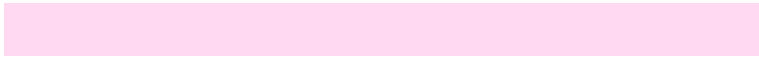
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1065, 0.3213, 0.3094



77.1337, 0.3236, 0.3046



80.2127, 0.3316, 0.3244



18.1845, 0.3193, 0.3138



12.5494, 0.4361, 0.2176



1.2427, 0.4194, 0.2084

Inverse Universe

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



81.1065, 0.3213, 0.3094



77.1337, 0.3236, 0.3046



94.2873, 0.2966, 0.3336



18.1845, 0.3193, 0.3138



12.5494, 0.4361, 0.2176



1.2427, 0.4194, 0.2084

Previews

White Background



This preview shows how the Yxy color 81.1030, 0.3213, 0.3094 looks on a white background.

Color Contrast Check

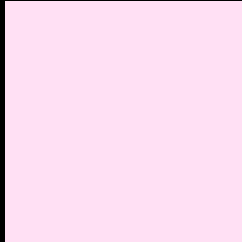
Large Text (above 18pt) WCAG AA × Fail

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 81.1030, 0.3213, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

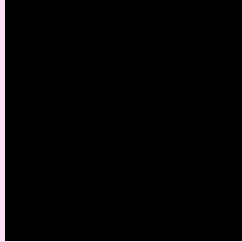
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.1030, 0.3213, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 81.1030, 0.3213, 0.3094.



This preview shows how white text looks on a background with the Yxy color 81.1030, 0.3213, 0.3094.

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

81.1030, 0.3213, 0.3094

Protanopia

81.0849, 0.3029, 0.3116

Deuteranopia

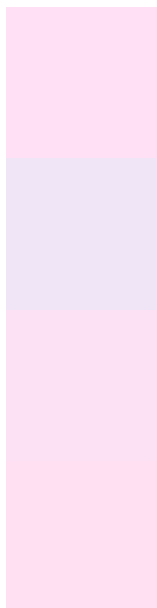
81.2484, 0.3177, 0.3112



Tritanopia

80.9821, 0.3226, 0.3113

Trichromacy



Original Color

81.1030, 0.3213, 0.3094

Protanomaly

80.7275, 0.3089, 0.3099

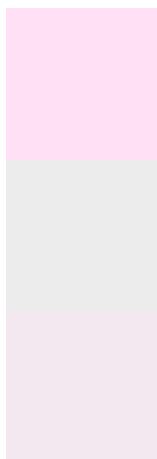
Deuteranomaly

81.0775, 0.3191, 0.3103

Tritanomaly

81.0424, 0.3220, 0.3104

Monochromacy



Original Color

81.1030, 0.3213, 0.3094

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.9999, 0.3158, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1030, 0.3213, 0.3094 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(255, 224, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 244)  
}
```

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(255, 224, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 244) }
```

Border

The CSS property to change the border of an element to Yxy 81.1030, 0.3213, 0.3094 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(255, 224, 244) }
```

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

```
.border{ border-color:rgb(255, 224, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1030, 0.3213, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 244) }
```

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

```
.background{ background-color: rgb(255,  
224, 244) }
```

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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