

Converting Colors

$Y_{xy}(82.2063, 0.3222, 0.3105)$

Have a look what the booklet for
Yxy(82.2063, 0.3222, 0.3105)
contains.

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Color

Yxy(81.6421, 0.3212, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F4
RGB	255, 225, 244
RGB Percent	100%, 88%, 96%
CMY	0.0002, 0.1176, 0.0431
CMYK	0.00, 0.12, 0.04, 0.00
HSL	322°, 100%, 94%
HSV	322°, 12%, 100%
XYZ	84.4827, 81.6421, 96.8974
YIQ	236.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

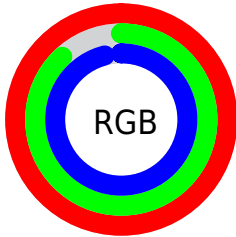
Format	Color
R_{YB}	255, 225, 244
Decimal	16769524
CIE _{Lab}	92.42, 13.43, -5.45
CIE _{LCh}	92, 14.493, 337.916
Yxy	81.6421, 0.3212, 0.3104
Android (android.graphics.Color)	4294959604 (0xFFFFE1F4)
YUV	236.1360, 3.8770, 16.5437
Hunter-Lab	90.3560, 8.7742, -0.3331

Details

The Yxy color **81.6421, 0.3212, 0.3104** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.5579, 0.3051, 0.3484**, and the grayscale version is **83.9525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3861, 0.3228, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **68.3205, 0.3299, 0.2938**, and if you desaturate by 10%, it is **97.0577, 0.3139, 0.3263**.

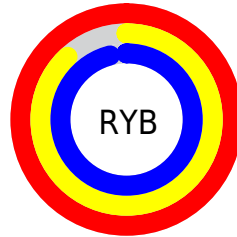
Distribution



Red (100%)

Green (88%)

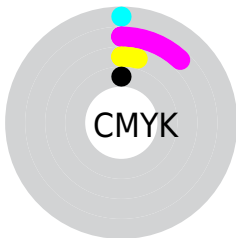
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

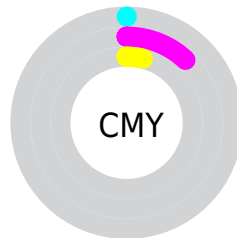


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.6421, 0.3212, 0.3104 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 81.6421, 0.3212, 0.3104 by changing the saturation by 10% instead.


 81.6421, 0.3212,
0.3104

 81.6421, 0.3212,
0.3104


500.4497, 0.3174,
0.3187

 61.0706, 0.3220,
0.3086


135.6720, 0.3199,
0.3132

 44.2821, 0.3230,
0.3063

169.8991, 0.3194,
0.3143

 30.8924, 0.3243,
0.3036


209.4469, 0.3190,
0.3153

 20.5169, 0.3259,
0.3000

254.6998, 0.3186,
0.3162

 12.7713, 0.3281,
0.2953

306.0421, 0.3182,
0.3169

 7.2713, 0.3310,
0.2888

363.8583, 0.3179,

 3.6323, 0.3354,

0.3176

0.2792

428.5327, 0.3177,
0.3182

■ 1.4701, 0.3424,
0.2637

■ 0.2675, 0.3825,
0.1758

■ 81.6421, 0.3212,
0.3104

■ 81.6421, 0.3212,
0.3104

■ 68.3205, 0.3299,
0.2938

■ 97.0577, 0.3139,
0.3263

■ 56.9909, 0.3402,
0.2769

99.9918, 0.3127,
0.3290

■ 47.5588, 0.3521,
0.2604

■ 39.9176, 0.3656,
0.2451

■ 33.9502, 0.3806,
0.2321

■ 29.5255, 0.3966,
0.2225

■ 26.4925, 0.4133,
0.2175

■ 24.6696, 0.4298,
0.2178

■ 23.8495, 0.4431,
0.2215

Harmonies

Analogous

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



81.6421, 0.3042, 0.3024



81.6421, 0.3212, 0.3104



81.6421, 0.3363, 0.3231

Triad

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



81.6421, 0.3212, 0.3104



81.6421, 0.3357, 0.3578



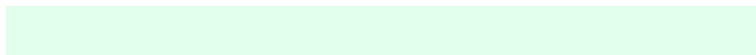
81.6421, 0.2815, 0.3190

Complementary

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



81.6421, 0.3212, 0.3104



93.5579, 0.3051, 0.3484

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.



81.6421, 0.2895, 0.3345



81.6421, 0.3212, 0.3104



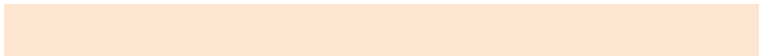
81.6421, 0.3206, 0.3574

Square

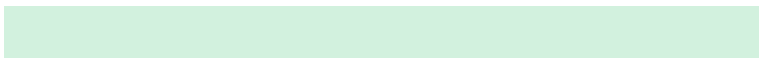
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



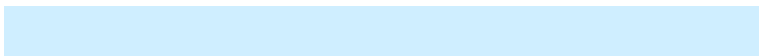
81.6421, 0.3212, 0.3104



81.6421, 0.3447, 0.3503



81.6421, 0.3037, 0.3488



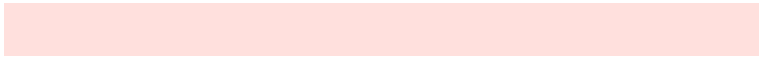
81.6421, 0.2816, 0.3069

Rectangle

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



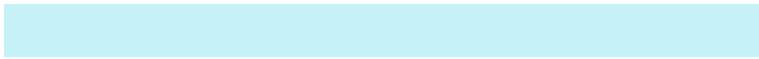
81.6421, 0.3212, 0.3104



81.6421, 0.3430, 0.3327



81.6421, 0.3037, 0.3488



81.6421, 0.2833, 0.3240

Sweetspot

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



81.6457, 0.3212, 0.3104



93.4259, 0.3154, 0.3228



78.8262, 0.3010, 0.2988



19.7406, 0.3159, 0.3216



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.



81.6457, 0.3212, 0.3104



78.4870, 0.3230, 0.3067



80.7994, 0.3309, 0.3246



18.1810, 0.3194, 0.3140



12.4964, 0.4405, 0.2200



1.2378, 0.4232, 0.2105

Inverse Universe

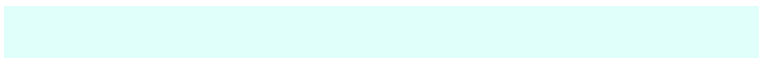
The Inverse Universe completely reimagines the original color for something new.



81.6457, 0.3212, 0.3104



78.4870, 0.3230, 0.3067



94.4348, 0.2971, 0.3335



18.1810, 0.3194, 0.3140



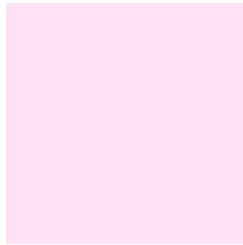
12.4964, 0.4405, 0.2200



1.2378, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 81.6421, 0.3212, 0.3104 looks on a white background.

Color Contrast Check

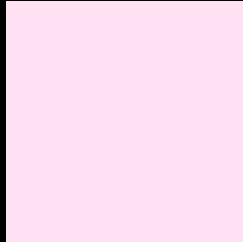
Large Text (above 18pt) WCAG AA × Fail

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 81.6421, 0.3212, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

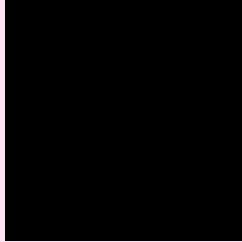
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.6421, 0.3212, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 81.6421, 0.3212, 0.3104.



This preview shows how white text looks on a background with the Yxy color 81.6421, 0.3212, 0.3104.

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

81.6421, 0.3212, 0.3104

Protanopia

81.8142, 0.3035, 0.3127

Deuteranopia

81.4336, 0.3184, 0.3112



Tritanopia

81.5815, 0.3219, 0.3114

Trichromacy



Original Color

81.6421, 0.3212, 0.3104

Protanomaly

81.4548, 0.3095, 0.3109

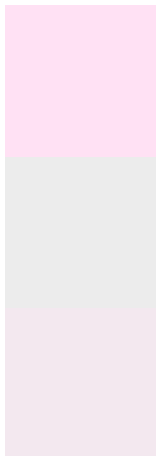
Deuteranomaly

81.6198, 0.3191, 0.3113

Tritanomaly

81.5815, 0.3219, 0.3114

Monochromacy



Original Color

81.6421, 0.3212, 0.3104

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 81.6421, 0.3212, 0.3104 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, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 244) }
```

Border

The CSS property to change the border of an element to Yxy 81.6421, 0.3212, 0.3104 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, 225, 244) }
```

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

```
.border{ border-color:rgb(255, 225, 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, 225, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 244); box-shadow:4px 4px 4px 4px rgb(255, 225, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 81.6421, 0.3212, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 244) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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