

Converting Colors

$Y_{xy}(82.7209, 0.3221, 0.3201)$

Have a look what the booklet for
Yxy(82.7209, 0.3221, 0.3201)
contains.

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Color

Yxy(82.7209, 0.3221, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	FBE5EE
RGB	251, 229, 238
RGB Percent	98%, 90%, 93%
CMY	0.0156, 0.1019, 0.0667
CMYK	0.00, 0.09, 0.05, 0.02
HSL	335°, 73%, 94%
HSV	335°, 9%, 98%
XYZ	83.2377, 82.7209, 92.4634
YIQ	236.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

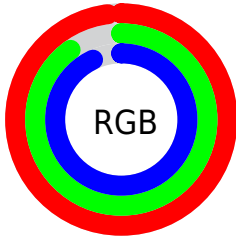
Format	Color
R _Y B	251, 229, 238
Decimal	16508398
CIE Lab	92.89, 9.01, -1.65
CIE LCh	93, 9.157, 349.625
Yxy	82.7209, 0.3221, 0.3201
Android (android.graphics.Color)	4294698478 (0xFFFB E5EE)
YUV	236.6040, 0.6882, 12.6253
Hunter-Lab	90.9510, 4.1976, 3.3898

Details

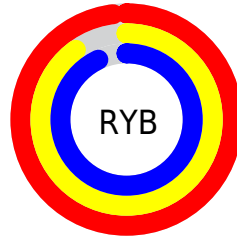
The Yxy color **82.7209, 0.3221, 0.3201** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.0726, 0.3042, 0.3381**, and the grayscale version is **84.3597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1188, 0.3239, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **68.9863, 0.3350, 0.3094**, and if you desaturate by 10%, it is **98.5430, 0.3115, 0.3302**.

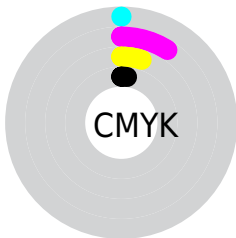
Distribution



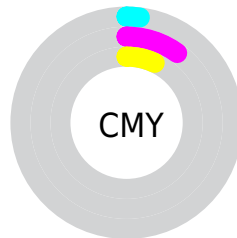
- Red (98%)
- Green (90%)
- Blue (93%)



- Red (98%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.7209, 0.3221, 0.3201 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 82.7209, 0.3221, 0.3201 by changing the saturation by 10% instead.

 82.7209, 0.3221,
0.3201

 82.7209, 0.3221,
0.3201

504.0559, 0.3179,
0.3241

 61.9599, 0.3230,
0.3192

137.1845, 0.3207,
0.3215

 45.0003, 0.3242,
0.3181


171.6559, 0.3201,
0.3220

 31.4577, 0.3256,
0.3168

211.4663, 0.3196,
0.3225

 20.9476, 0.3275,
0.3150

256.9999, 0.3192,
0.3229

 13.0857, 0.3300,
0.3127

308.6413, 0.3188,
0.3232

 7.4876, 0.3335,
0.3094

366.7749, 0.3184,

 3.7689, 0.3387,

0.3236

0.3046

431.7849, 0.3181,
0.3239

■ 1.5451, 0.3475,
0.2965

■ 0.3202, 0.4007,
0.2447

■ 82.7209, 0.3221,
0.3201

■ 82.7209, 0.3221,
0.3201

■ 68.9863, 0.3350,
0.3094

■ 98.5430, 0.3115,
0.3302

■ 57.2408, 0.3506,
0.2983

■ 99.2515, 0.3103,
0.3290

■ 47.3942, 0.3695,
0.2872

■ 39.3453, 0.3918,
0.2768

■ 32.9830, 0.4176,
0.2681

■ 28.1840, 0.4463,
0.2623

■ 24.8079, 0.4769,
0.2607

■ 22.6886, 0.5073,
0.2643

■ 21.5859, 0.5355,
0.2730

Harmonies

Analogous

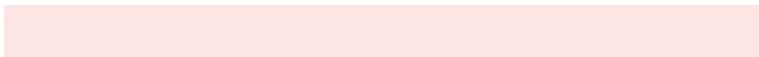
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7209, 0.3116, 0.3136



82.7209, 0.3221, 0.3201



82.7209, 0.3302, 0.3289

Triad

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



82.7209, 0.3221, 0.3201



82.7209, 0.3239, 0.3475



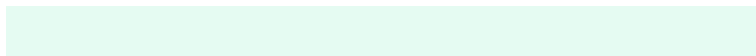
82.7209, 0.2923, 0.3195

Complementary

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



82.7209, 0.3221, 0.3201



92.0726, 0.3042, 0.3381

Split Complementary

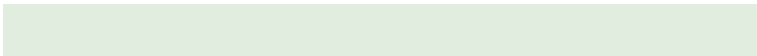
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7209, 0.2955, 0.3287



82.7209, 0.3221, 0.3201



82.7209, 0.3136, 0.3451

Square

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



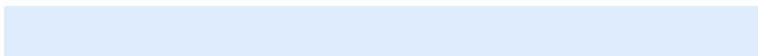
82.7209, 0.3221, 0.3201



82.7209, 0.3312, 0.3448



82.7209, 0.3033, 0.3382



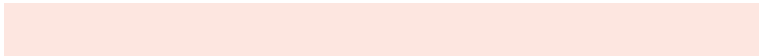
82.7209, 0.2945, 0.3131

Rectangle

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



82.7209, 0.3221, 0.3201



82.7209, 0.3331, 0.3351



82.7209, 0.3033, 0.3382



82.7209, 0.2928, 0.3224

Sweetspot

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



82.7245, 0.3221, 0.3201



94.9278, 0.3157, 0.3260



81.8553, 0.3076, 0.3070



20.0355, 0.3166, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

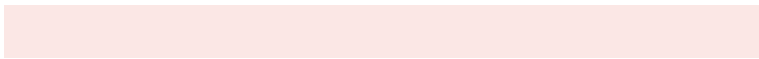
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7245, 0.3221, 0.3201



82.3680, 0.3248, 0.3177



83.2295, 0.3278, 0.3309



17.3428, 0.3230, 0.3193



11.3176, 0.5347, 0.2719



1.0687, 0.5034, 0.2547

Inverse Universe

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



82.7245, 0.3221, 0.3201



82.3680, 0.3248, 0.3177



91.4859, 0.2991, 0.3271



17.3428, 0.3230, 0.3193



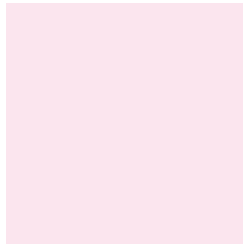
11.3176, 0.5347, 0.2719



1.0687, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 82.7209, 0.3221, 0.3201 looks on a white background.

Color Contrast Check

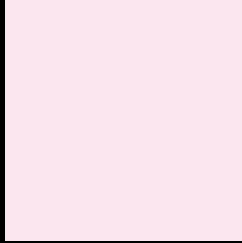
Large Text (above 18pt) WCAG AA × Fail

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 82.7209, 0.3221, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

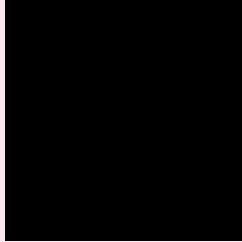
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.7209, 0.3221, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 82.7209, 0.3221, 0.3201.

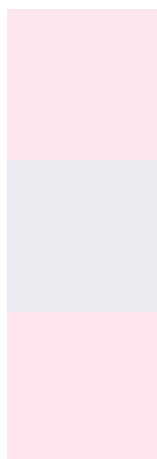


This preview shows how white text looks on a background with the Yxy color 82.7209, 0.3221, 0.3201.

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

82.7209, 0.3221, 0.3201

Protanopia

82.6332, 0.3104, 0.3209

Deuteranopia

82.9199, 0.3250, 0.3192



Tritanopia

82.8361, 0.3177, 0.3113

Trichromacy



Original Color

82.7209, 0.3221, 0.3201

Protanomaly

82.8817, 0.3144, 0.3209

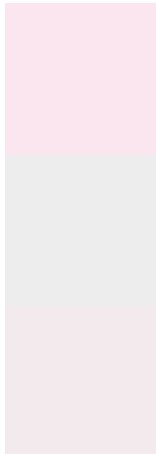
Deuteranomaly

82.7307, 0.3243, 0.3192

Tritanomaly

82.6533, 0.3196, 0.3142

Monochromacy



Original Color

82.7209, 0.3221, 0.3201

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

83.8373, 0.3162, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7209, 0.3221, 0.3201 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(251, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 238)  
}
```

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(251, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 238) }
```

Border

The CSS property to change the border of an element to Yxy 82.7209, 0.3221, 0.3201 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(251, 229, 238) }
```

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

```
.border{ border-color:rgb(251, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7209, 0.3221, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 238) }
```

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

```
.background{ background-color: rgb(251,  
229, 238) }
```

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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