

Converting Colors

$Y_{xy}(83.7421, 0.3223, 0.3282)$

Have a look what the booklet for
Yxy(83.7421, 0.3223, 0.3282)
contains.

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Color

Yxy(83.9352, 0.3222, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	F7E9E9
RGB	247, 233, 233
RGB Percent	97%, 91%, 91%
CMY	0.0315, 0.0862, 0.0861
CMYK	0.00, 0.06, 0.06, 0.03
HSL	360°, 46%, 94%
HSV	360°, 6%, 97%
XYZ	82.2004, 83.9352, 88.9866
YIQ	237.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

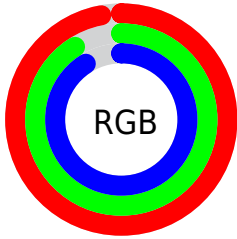
Format	Color
R _Y B	247, 233, 233
Decimal	16247273
CIE Lab	93.42, 4.73, 1.67
CIE LCh	93, 5.013, 19.453
Yxy	83.9352, 0.3222, 0.3290
Android (android.graphics.Color)	4294437353 (0xFFFF7E9E9)
YUV	237.1860, -2.0637, 8.6069
Hunter-Lab	91.6162, -0.1735, 6.5430

Details

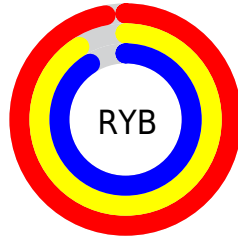
The Yxy color **83.9352, 0.3222, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.5403, 0.3039, 0.3290**, and the grayscale version is **84.8512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6950, 0.3251, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **69.6075, 0.3423, 0.3290**, and if you desaturate by 10%, it is **98.5085, 0.3078, 0.3290**.

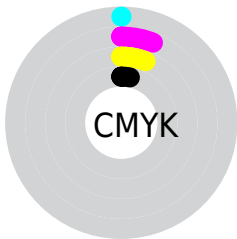
Distribution



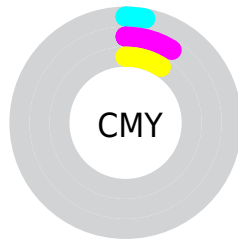
- Red (97%)
- Green (91%)
- Blue (91%)



- Red (97%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.9352, 0.3222, 0.3290 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 83.9352, 0.3222, 0.3290 by changing the saturation by 10% instead.


 83.9352, 0.3222,
0.3290

 83.9352, 0.3222,
0.3290

508.0980, 0.3179,
0.3290

 62.9619, 0.3232,
0.3290


138.8845, 0.3207,
0.3290

 45.8104, 0.3243,
0.3290


173.6294, 0.3202,
0.3290

 32.0962, 0.3258,
0.3290


213.7336, 0.3197,
0.3290

 21.4350, 0.3277,
0.3289

259.5814, 0.3192,
0.3290

 13.4424, 0.3302,
0.3289

311.5574, 0.3188,
0.3290

 7.7339, 0.3338,
0.3288

370.0459, 0.3185,

 3.9251, 0.3392,

0.3290

0.3287

435.4313, 0.3182,
0.3290

■ 1.6318, 0.3483,
0.3283

■ 0.3789, 0.4134,
0.3294

■ 83.9352, 0.3222,
0.3290

■ 83.9352, 0.3222,
0.3290

■ 69.6075, 0.3423,
0.3290

■ 98.5085, 0.3078,
0.3290

■ 57.3409, 0.3674,
0.3290

■ 47.0440, 0.3987,
0.3291

■ 38.6142, 0.4367,
0.3292

■ 31.9398, 0.4811,
0.3293

■ 26.8968, 0.5294,
0.3294

■ 23.3456, 0.5759,
0.3296

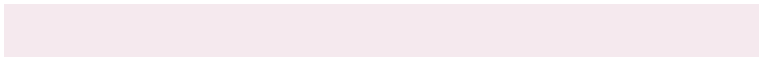
■ 21.1228, 0.6131,
0.3297

■ 20.0265, 0.6346,
0.3299

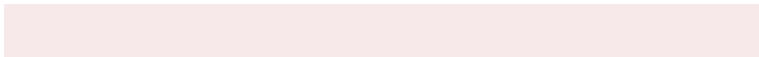
Harmonies

Analogous

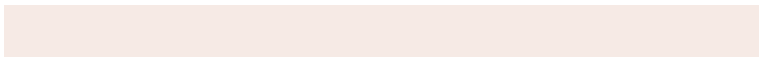
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9352, 0.3178, 0.3241



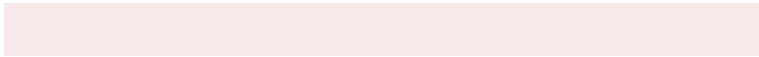
83.9352, 0.3222, 0.3290



83.9352, 0.3240, 0.3339

Triad

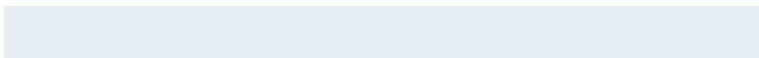
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9352, 0.3222, 0.3290



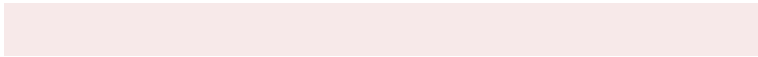
83.9352, 0.3133, 0.3377



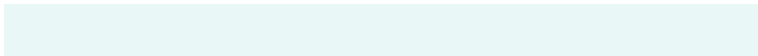
83.9352, 0.3027, 0.3204

Complementary

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



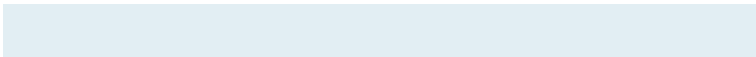
83.9352, 0.3222, 0.3290



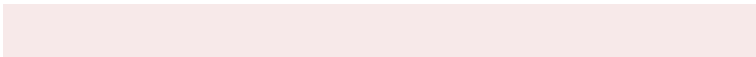
90.5403, 0.3039, 0.3290

Split Complementary

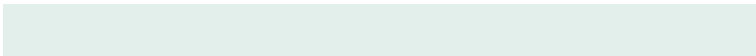
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9352, 0.3016, 0.3239



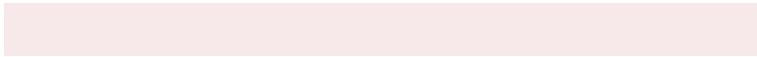
83.9352, 0.3222, 0.3290



83.9352, 0.3076, 0.3340

Square

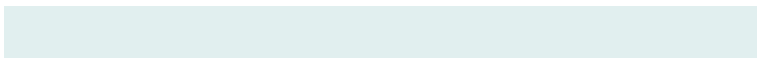
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9352, 0.3222, 0.3290



83.9352, 0.3188, 0.3390



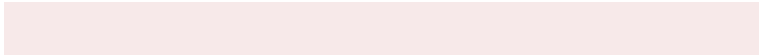
83.9352, 0.3033, 0.3289



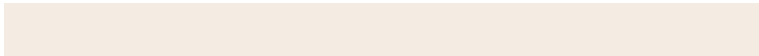
83.9352, 0.3066, 0.3191

Rectangle

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



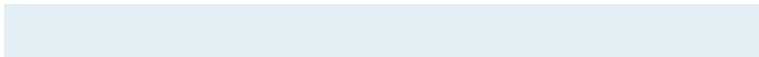
83.9352, 0.3222, 0.3290



83.9352, 0.3235, 0.3366



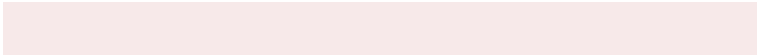
83.9352, 0.3033, 0.3289



83.9352, 0.3020, 0.3213

Sweetspot

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



83.9389, 0.3222, 0.3290



96.4655, 0.3159, 0.3290



84.7247, 0.3132, 0.3152



20.6846, 0.3158, 0.3290



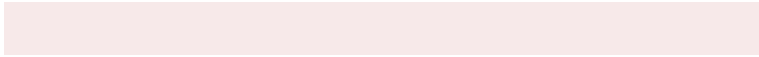
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



83.9389, 0.3222, 0.3290



88.0404, 0.3247, 0.3290



87.8304, 0.3217, 0.3358



17.0736, 0.3257, 0.3290



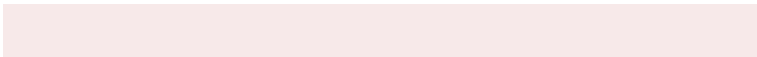
10.4586, 0.6399, 0.3299



0.9194, 0.6394, 0.3296

Inverse Universe

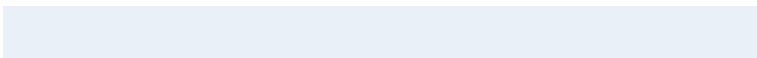
The Inverse Universe completely reimagines the original color for something new.



83.9389, 0.3222, 0.3290



88.0404, 0.3247, 0.3290



86.4911, 0.3040, 0.3222



17.0736, 0.3257, 0.3290



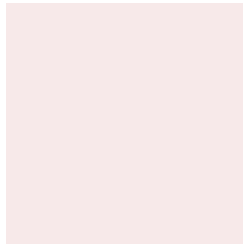
10.4586, 0.6399, 0.3299



0.9194, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 83.9352, 0.3222, 0.3290 looks on a white background.

Color Contrast Check

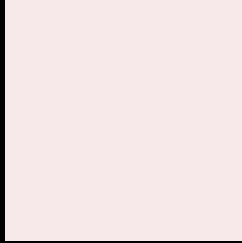
Large Text (above 18pt) WCAG AA × Fail

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 83.9352, 0.3222, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

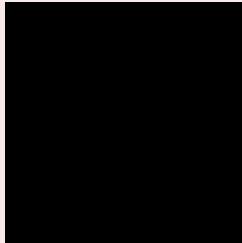
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

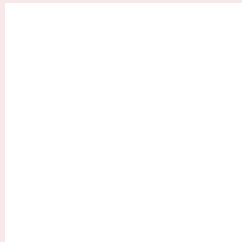
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.9352, 0.3222, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 83.9352, 0.3222, 0.3290.

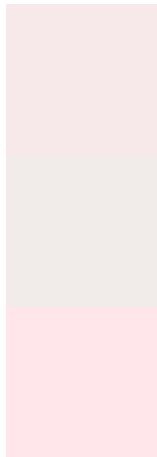


This preview shows how white text looks on a background with the Yxy color 83.9352, 0.3222, 0.3290.

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

83.9352, 0.3222, 0.3290

Protanopia

84.0579, 0.3174, 0.3300

Deuteranopia

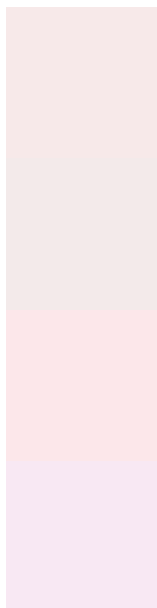
83.7941, 0.3274, 0.3251



Tritanopia

84.1311, 0.3135, 0.3113

Trichromacy



Original Color

83.9352, 0.3222, 0.3290

Protanomaly

83.8408, 0.3188, 0.3290

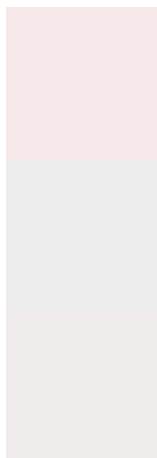
Deuteranomaly

83.7878, 0.3252, 0.3261

Tritanomaly

84.1407, 0.3166, 0.3181

Monochromacy



Original Color

83.9352, 0.3222, 0.3290

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.7478, 0.3161, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.9352, 0.3222, 0.3290 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(247, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 233)  
}
```

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(247, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 233) }
```

Border

The CSS property to change the border of an element to Yxy 83.9352, 0.3222, 0.3290 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(247, 233, 233) }
```

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

```
.border{ border-color:rgb(247, 233, 233) }
```

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

Here you see how a box with a 4 pixel rgb(247, 233, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 83.9352, 0.3222, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 233) }
```

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

```
.background{ background-color: rgb(247,  
233, 233) }
```

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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