

Converting Colors

$Yxy(86.9530, 0.3218, 0.3278)$

Have a look what the booklet for
Yxy(86.9530, 0.3218, 0.3278)
contains.

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Color

Yxy(86.6732, 0.3215, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FBECEE
RGB	251, 236, 238
RGB Percent	98%, 93%, 93%
CMY	0.0160, 0.0744, 0.0667
CMYK	0.00, 0.06, 0.05, 0.02
HSL	352°, 65%, 95%
HSV	352°, 6%, 98%
XYZ	85.1893, 86.6732, 93.1121
YIQ	240.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

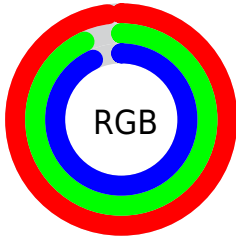
Format	Color
R _Y B	251, 236, 238
Decimal	16510190
CIE Lab	94.60, 5.36, 0.85
CIE LCh	95, 5.426, 9.042
Yxy	86.6732, 0.3215, 0.3271
Android (android.graphics.Color)	4294700270 (0xFFFBCEEE)
YUV	240.7130, -1.3375, 9.0217
Hunter-Lab	93.0984, 0.4134, 5.8702

Details

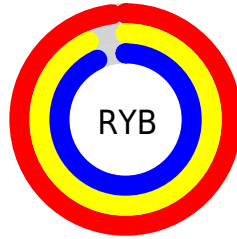
The Yxy color **86.6732, 0.3215, 0.3271** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.6254, 0.3046, 0.3309**, and the grayscale version is **87.7264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4892, 0.3232, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **72.0208, 0.3391, 0.3237**, and if you desaturate by 10%, it is **99.2357, 0.3102, 0.3290**.

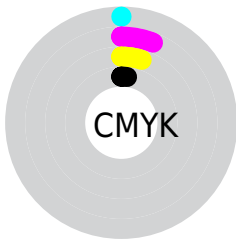
Distribution



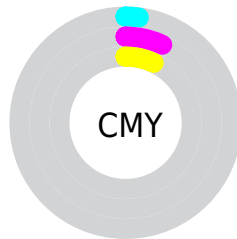
- Red (98%)
- Green (93%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (2%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.6732, 0.3215, 0.3271 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 86.6732, 0.3215, 0.3271 by changing the saturation by 10% instead.


 86.6732, 0.3215,
0.3271

 86.6732, 0.3215,
0.3271

517.1484, 0.3176,
0.3280

 65.2248, 0.3224,
0.3269

142.7085, 0.3202,
0.3274

 47.6434, 0.3234,
0.3267


178.0643, 0.3196,
0.3275

 33.5446, 0.3248,
0.3264


218.8246, 0.3192,
0.3276

 22.5439, 0.3265,
0.3260

265.3738, 0.3188,
0.3277

 14.2571, 0.3288,
0.3255

318.0965, 0.3184,
0.3278

 8.2997, 0.3320,
0.3247

377.3768, 0.3181,

 4.2873, 0.3367,

0.3279

0.3236

443.5994, 0.3178,
0.3279

■ 1.8356, 0.3446,
0.3218

■ 0.5092, 0.3798,
0.3146

■ 86.6732, 0.3215,
0.3271

■ 86.6732, 0.3215,
0.3271

■ 72.0208, 0.3391,
0.3237

■ 99.2357, 0.3102,
0.3290

■ 59.4601, 0.3611,
0.3202

■ 48.8992, 0.3882,
0.3166

■ 40.2346, 0.4212,
0.3134

■ 33.3537, 0.4600,
0.3109

■ 28.1318, 0.5034,
0.3098

■ 24.4284, 0.5478,
0.3109

■ 22.0793, 0.5878,
0.3144

■ 20.8820, 0.6175,
0.3201

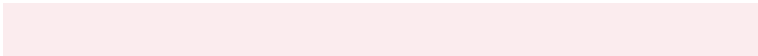
Harmonies

Analogous

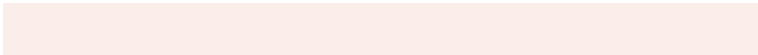
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6732, 0.3161, 0.3222



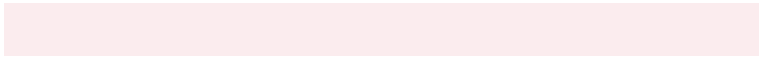
86.6732, 0.3215, 0.3271



86.6732, 0.3245, 0.3325

Triad

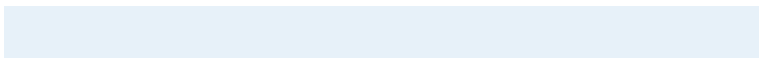
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6732, 0.3215, 0.3271



86.6732, 0.3155, 0.3392



86.6732, 0.3012, 0.3208

Complementary

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



86.6732, 0.3215, 0.3271



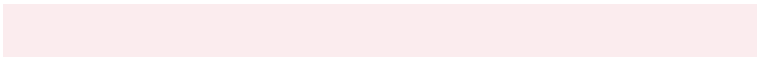
93.6254, 0.3046, 0.3309

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.



86.6732, 0.3011, 0.3253



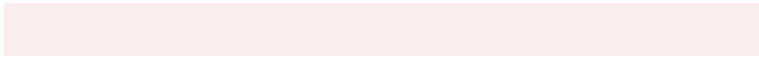
86.6732, 0.3215, 0.3271



86.6732, 0.3093, 0.3360

Square

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



86.6732, 0.3215, 0.3271



86.6732, 0.3210, 0.3396



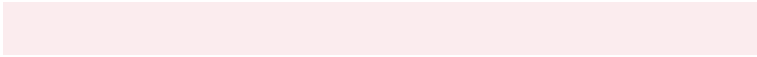
86.6732, 0.3040, 0.3309



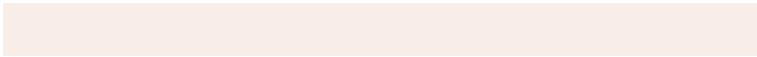
86.6732, 0.3044, 0.3186

Rectangle

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



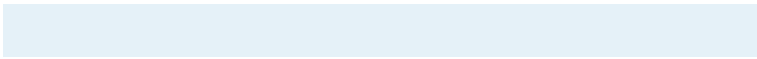
86.6732, 0.3215, 0.3271



86.6732, 0.3248, 0.3358



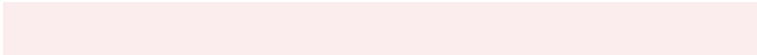
86.6732, 0.3040, 0.3309



86.6732, 0.3008, 0.3221

Sweetspot

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



86.6770, 0.3215, 0.3271



96.5068, 0.3156, 0.3284



87.0987, 0.3121, 0.3144



20.6930, 0.3154, 0.3284



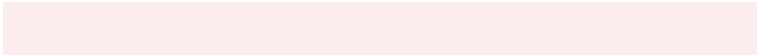
0.0000, 0.0000, 0.0000



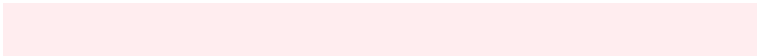
21.4041, 0.3127, 0.3290

Same Dimension

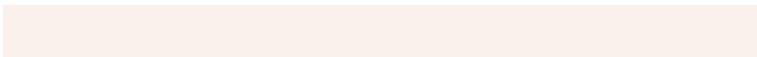
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6770, 0.3215, 0.3271



88.1760, 0.3232, 0.3268



89.7569, 0.3223, 0.3344



17.8742, 0.3242, 0.3266



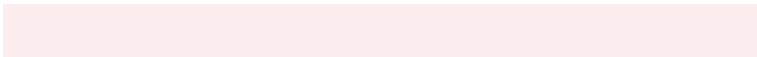
10.8493, 0.6235, 0.3208



1.0160, 0.5969, 0.3062

Inverse Universe

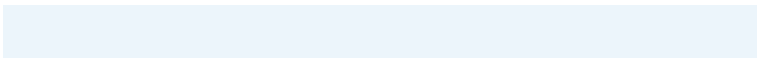
The Inverse Universe completely reimagines the original color for something new.



86.6770, 0.3215, 0.3271



88.1760, 0.3232, 0.3268



90.3857, 0.3035, 0.3235



17.8742, 0.3242, 0.3266



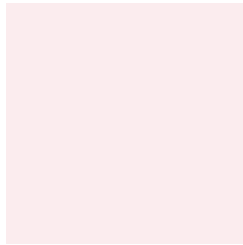
10.8493, 0.6235, 0.3208



1.0160, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 86.6732, 0.3215, 0.3271 looks on a white background.

Color Contrast Check

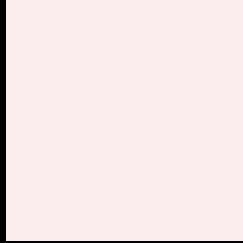
Large Text (above 18pt) WCAG AA × Fail

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 86.6732, 0.3215, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

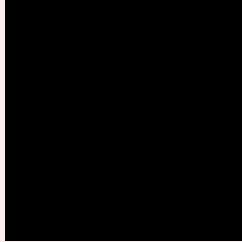
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

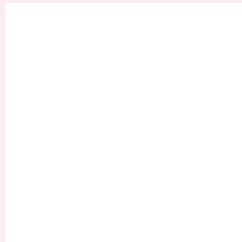
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6732, 0.3215, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 86.6732, 0.3215, 0.3271.

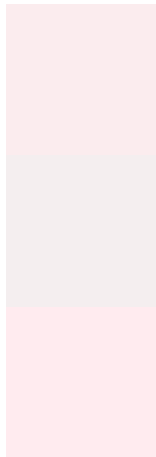


This preview shows how white text looks on a background with the Yxy color 86.6732, 0.3215, 0.3271.

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

86.6732, 0.3215, 0.3271

Protanopia

86.6142, 0.3161, 0.3280

Deuteranopia

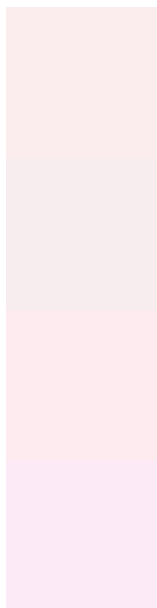
86.9087, 0.3237, 0.3251



Tritanopia

86.7566, 0.3142, 0.3115

Trichromacy



Original Color

86.6732, 0.3215, 0.3271

Protanomaly

86.5745, 0.3181, 0.3270

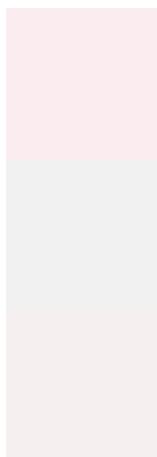
Deuteranomaly

86.7195, 0.3230, 0.3251

Tritanomaly

86.8275, 0.3166, 0.3173

Monochromacy



Original Color

86.6732, 0.3215, 0.3271

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.4368, 0.3161, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6732, 0.3215, 0.3271 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, 236, 238)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 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, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 238) }
```

Border

The CSS property to change the border of an element to Yxy 86.6732, 0.3215, 0.3271 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, 236, 238) }
```

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

```
.border{ border-color:rgb(251, 236, 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, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6732, 0.3215, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 238) }
```

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

```
.background{ background-color: rgb(251,  
236, 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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