

Converting Colors

$Y_{xy}(86.6935, 0.3198, 0.3219)$

Have a look what the booklet for
Yxy(86.6935, 0.3198, 0.3219)
contains.

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Color

Yxy(86.5229, 0.3198, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	FCEBF2
RGB	252, 235, 242
RGB Percent	99%, 92%, 95%
CMY	0.0114, 0.0785, 0.0509
CMYK	0.00, 0.07, 0.04, 0.01
HSL	335°, 75%, 96%
HSV	335°, 7%, 99%
XYZ	85.9051, 86.5229, 96.1933
YIQ	240.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

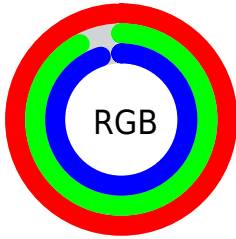
Format	Color
R _Y B	252, 235, 242
Decimal	16575474
CIE Lab	94.54, 6.98, -1.33
CIE LCh	95, 7.106, 349.221
Yxy	86.5229, 0.3198, 0.3221
Android (android.graphics.Color)	4294765554 (0xFFFCBF2)
YUV	240.8810, 0.5517, 9.7514
Hunter-Lab	93.0177, 2.0700, 3.7982

Details

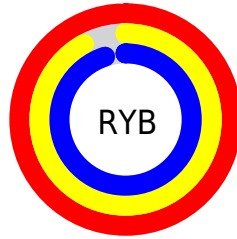
The Yxy color **86.5229, 0.3198, 0.3221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.9272, 0.3061, 0.3360**, and the grayscale version is **87.8663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3875, 0.3209, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **72.2468, 0.3321, 0.3114**, and if you desaturate by 10%, it is **99.4513, 0.3109, 0.3290**.

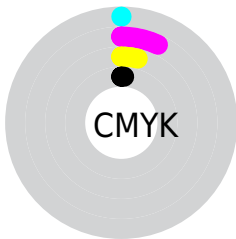
Distribution



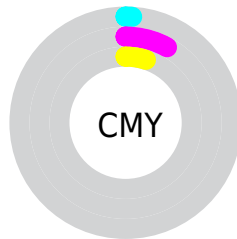
- Red (99%)
- Green (92%)
- Blue (95%)



- Red (99%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5229, 0.3198, 0.3221 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 86.5229, 0.3198, 0.3221 by changing the saturation by 10% instead.


 86.5229, 0.3198,
0.3221

 86.5229, 0.3198,
0.3221


516.6538, 0.3166,
0.3252

 65.1005, 0.3205,
0.3214


142.4990, 0.3187,
0.3232

 47.5425, 0.3214,
0.3206


177.8214, 0.3183,
0.3236

 33.4648, 0.3224,
0.3196


218.5459, 0.3179,
0.3239

 22.4827, 0.3238,
0.3182


265.0569, 0.3176,
0.3242

 14.2120, 0.3256,
0.3165

317.7388, 0.3173,
0.3245

 8.2683, 0.3281,
0.3140

376.9760, 0.3171,

 4.2671, 0.3319,

0.3248

0.3105

443.1529, 0.3168,
0.3250

■ 1.8241, 0.3380,
0.3046

■ 0.5021, 0.3619,
0.2806

■ 86.5229, 0.3198,
0.3221

■ 86.5229, 0.3198,
0.3221

■ 72.2468, 0.3321,
0.3114

99.4513, 0.3109,
0.3290

■ 59.9972, 0.3471,
0.3003

■ 49.6845, 0.3652,
0.2891

■ 41.2079, 0.3867,
0.2784

■ 34.4574, 0.4116,
0.2692

■ 29.3112, 0.4397,
0.2626

■ 25.6315, 0.4698,
0.2600

■ 23.2564, 0.5003,
0.2625

■ 21.9821, 0.5289,
0.2704

Harmonies

Analogous

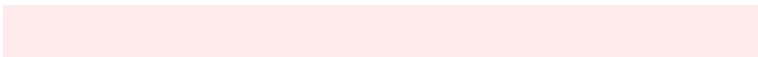
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5229, 0.3117, 0.3171



86.5229, 0.3198, 0.3221



86.5229, 0.3260, 0.3289

Triad

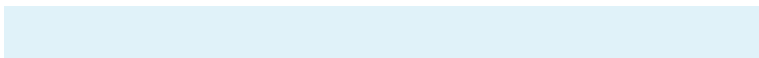
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5229, 0.3198, 0.3221



86.5229, 0.3214, 0.3431



86.5229, 0.2971, 0.3219

Complementary

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



86.5229, 0.3198, 0.3221



93.9272, 0.3061, 0.3360

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.



86.5229, 0.2996, 0.3289



86.5229, 0.3198, 0.3221



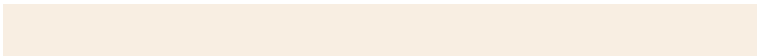
86.5229, 0.3135, 0.3413

Square

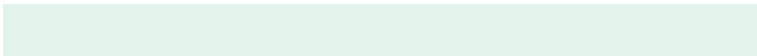
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



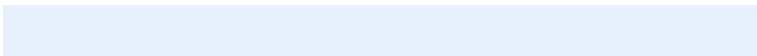
86.5229, 0.3198, 0.3221



86.5229, 0.3269, 0.3411



86.5229, 0.3056, 0.3361



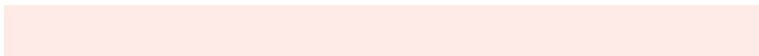
86.5229, 0.2987, 0.3169

Rectangle

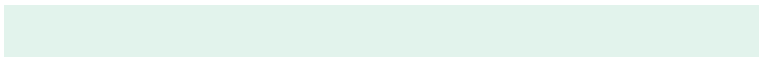
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5229, 0.3198, 0.3221



86.5229, 0.3282, 0.3336



86.5229, 0.3056, 0.3361



86.5229, 0.2975, 0.3241

Sweetspot

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



86.5267, 0.3198, 0.3221



96.5974, 0.3147, 0.3270



85.8415, 0.3088, 0.3121



20.7114, 0.3146, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

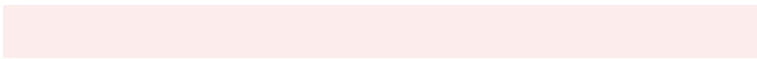
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5267, 0.3198, 0.3221



86.9190, 0.3212, 0.3208



86.9309, 0.3242, 0.3304



17.3437, 0.3229, 0.3193



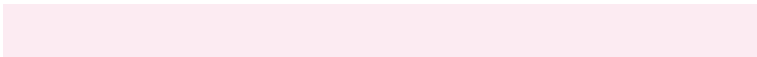
11.3264, 0.5333, 0.2712



1.0695, 0.5022, 0.2540

Inverse Universe

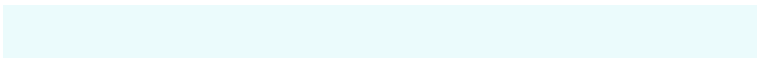
The Inverse Universe completely reimagines the original color for something new.



86.5267, 0.3198, 0.3221



86.9190, 0.3212, 0.3208



93.4734, 0.3022, 0.3276



17.3437, 0.3229, 0.3193



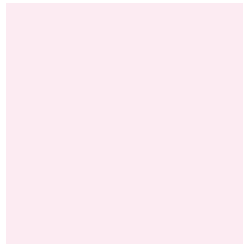
11.3264, 0.5333, 0.2712



1.0695, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 86.5229, 0.3198, 0.3221 looks on a white background.

Color Contrast Check

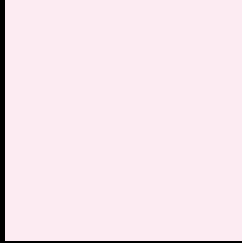
Large Text (above 18pt) WCAG AA × Fail

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 86.5229, 0.3198, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

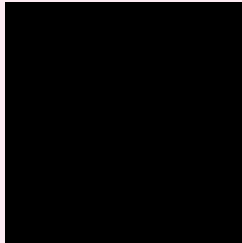
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.5229, 0.3198, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 86.5229, 0.3198, 0.3221.

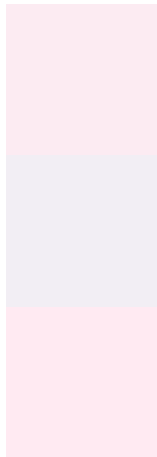


This preview shows how white text looks on a background with the Yxy color 86.5229, 0.3198, 0.3221.

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

86.5229, 0.3198, 0.3221

Protanopia

86.5580, 0.3117, 0.3230

Deuteranopia

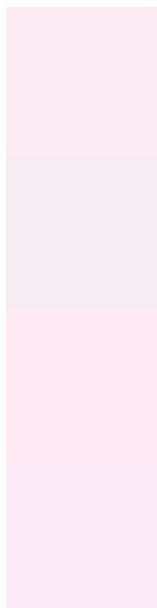
86.5164, 0.3219, 0.3212



Tritanopia

86.3769, 0.3149, 0.3106

Trichromacy



Original Color

86.5229, 0.3198, 0.3221

Protanomaly

86.6323, 0.3150, 0.3231

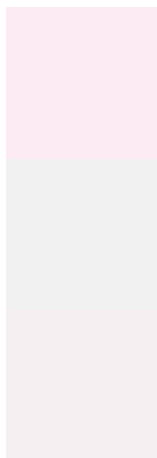
Deuteranomaly

86.3273, 0.3212, 0.3212

Tritanomaly

86.5056, 0.3167, 0.3154

Monochromacy



Original Color

86.5229, 0.3198, 0.3221

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.4964, 0.3154, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5229, 0.3198, 0.3221 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(252, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 242)  
}
```

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(252, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 242) }
```

Border

The CSS property to change the border of an element to Yxy 86.5229, 0.3198, 0.3221 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(252, 235, 242) }
```

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

```
.border{ border-color:rgb(252, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5229, 0.3198, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 242) }
```

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

```
.background{ background-color: rgb(252,  
235, 242) }
```

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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