

Converting Colors

$Y_{xy}(87.7955, 0.3184, 0.3222)$

Have a look what the booklet for
Yxy(87.7955, 0.3184, 0.3222)
contains.

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Color

Yxy(87.7955, 0.3184, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	FCEDF4
RGB	252, 237, 244
RGB Percent	99%, 93%, 96%
CMY	0.0117, 0.0706, 0.0433
CMYK	0.00, 0.06, 0.03, 0.01
HSL	332°, 72%, 96%
HSV	332°, 6%, 99%
XYZ	86.7600, 87.7955, 97.9320
YIQ	242.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

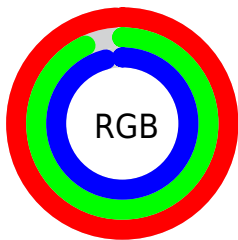
Format	Color
R _Y B	252, 237, 244
Decimal	16575988
CIE Lab	95.07, 6.25, -1.55
CIE LCh	95, 6.443, 346.093
Yxy	87.7955, 0.3184, 0.3222
Android (android.graphics.Color)	4294766068 (0xFFFCEDF4)
YUV	242.2830, 0.8465, 8.5218
Hunter-Lab	93.6993, 1.3069, 3.6211

Details

The Yxy color 87.7955, 0.3184, 0.3222 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2378, 0.3074, 0.3359, and the grayscale version is 89.0213, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.2807, 0.3191, 0.3203 is the 20% darker color. If you saturate the color by 10%, you get 73.4251, 0.3295, 0.3102, and if you desaturate by 10%, it is 99.4401, 0.3109, 0.3290.

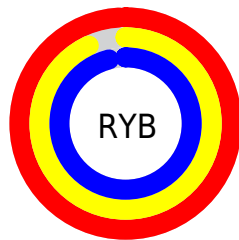
Distribution



Red (99%)

Green (93%)

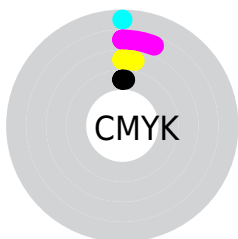
Blue (96%)



Red (99%)

Yellow (93%)

Blue (96%)

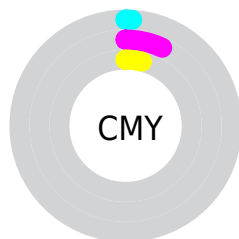


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (7%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.7955, 0.3184, 0.3222 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 87.7955, 0.3184, 0.3222 by changing the saturation by 10% instead.

 87.7955, 0.3184,
0.3222

 87.7955, 0.3184,
0.3222


520.8333, 0.3159,
0.3252

 66.1537, 0.3190,
0.3215


144.2724, 0.3175,
0.3232

 48.3972, 0.3196,
0.3207


179.8763, 0.3172,
0.3236

 34.1415, 0.3205,
0.3197


220.9031, 0.3169,
0.3240

 23.0024, 0.3216,
0.3184

267.7371, 0.3166,
0.3243

 14.5952, 0.3230,
0.3167

320.7627, 0.3164,
0.3246

 8.5358, 0.3250,
0.3144

380.3644, 0.3162,

 4.4397, 0.3279,

0.3248

0.3109

446.9264, 0.3160,
0.3250

■ 1.9224, 0.3327,
0.3053

■ 0.5618, 0.3488,
0.2854

■ 87.7955, 0.3184,
0.3222

■ 87.7955, 0.3184,
0.3222

■ 73.4251, 0.3295,
0.3102

99.4401, 0.3109,
0.3290

■ 61.0757, 0.3430,
0.2978

■ 50.6589, 0.3592,
0.2852

■ 42.0749, 0.3783,
0.2732

■ 35.2154, 0.4004,
0.2625

■ 29.9601, 0.4252,
0.2545

■ 26.1733, 0.4519,
0.2503

■ 23.6963, 0.4793,
0.2513

■ 22.3328, 0.5055,
0.2578

Harmonies

Analogous

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



87.7955, 0.3111, 0.3179



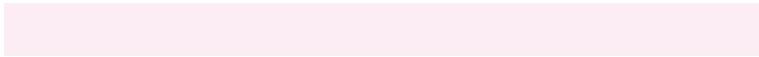
87.7955, 0.3184, 0.3222



87.7955, 0.3243, 0.3282

Triad

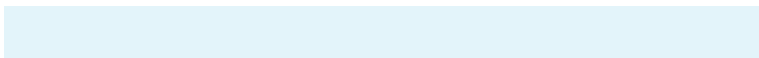
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7955, 0.3184, 0.3222



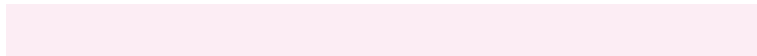
87.7955, 0.3212, 0.3417



87.7955, 0.2987, 0.3232

Complementary

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



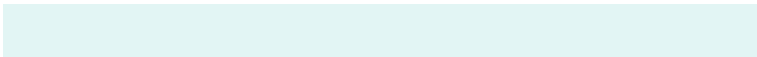
87.7955, 0.3184, 0.3222



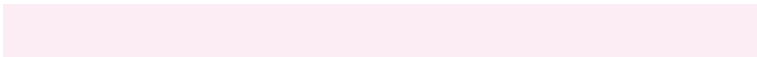
94.2378, 0.3074, 0.3359

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.



87.7955, 0.3013, 0.3296



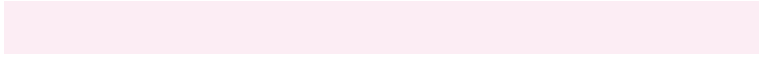
87.7955, 0.3184, 0.3222



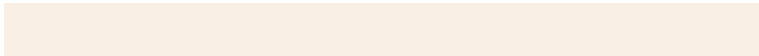
87.7955, 0.3142, 0.3404

Square

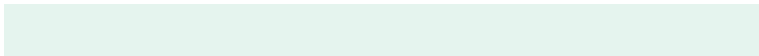
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



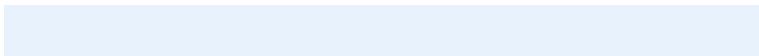
87.7955, 0.3184, 0.3222



87.7955, 0.3258, 0.3395



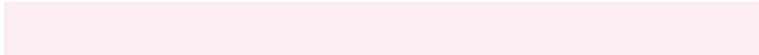
87.7955, 0.3070, 0.3360



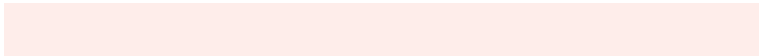
87.7955, 0.2997, 0.3184

Rectangle

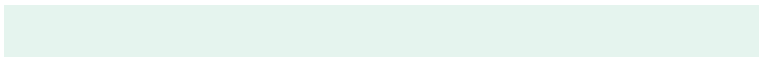
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7955, 0.3184, 0.3222



87.7955, 0.3265, 0.3325



87.7955, 0.3070, 0.3360



87.7955, 0.2992, 0.3252

Sweetspot

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



87.7993, 0.3184, 0.3222



96.6141, 0.3146, 0.3267



87.0146, 0.3088, 0.3142



20.7149, 0.3145, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

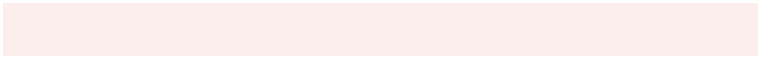
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7993, 0.3184, 0.3222



88.5337, 0.3195, 0.3210



87.6747, 0.3227, 0.3295



17.9532, 0.3201, 0.3203



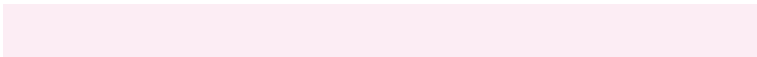
11.4761, 0.5117, 0.2593



1.0841, 0.4831, 0.2435

Inverse Universe

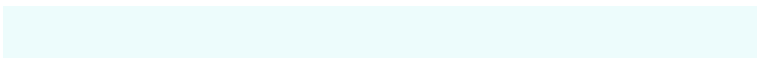
The Inverse Universe completely reimagines the original color for something new.



87.7993, 0.3184, 0.3222



88.5337, 0.3195, 0.3210



94.3571, 0.3034, 0.3285



17.9532, 0.3201, 0.3203



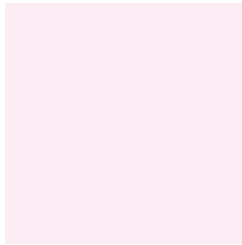
11.4761, 0.5117, 0.2593



1.0841, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 87.7955, 0.3184, 0.3222 looks on a white background.

Color Contrast Check

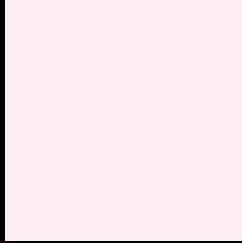
Large Text (above 18pt) WCAG AA × Fail

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 87.7955, 0.3184, 0.3222 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 87.7955, 0.3184, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 87.7955, 0.3184, 0.3222.

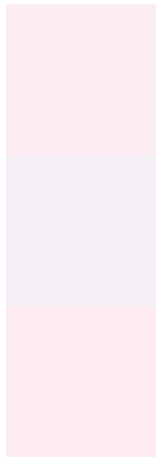


This preview shows how white text looks on a background with the Yxy color 87.7955, 0.3184, 0.3222.

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

87.7955, 0.3184, 0.3222

Protanopia

88.1458, 0.3123, 0.3240

Deuteranopia

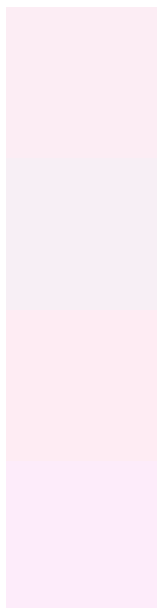
87.7220, 0.3211, 0.3222



Tritanopia

87.4551, 0.3129, 0.3106

Trichromacy



Original Color

87.7955, 0.3184, 0.3222

Protanomaly

88.0997, 0.3143, 0.3231

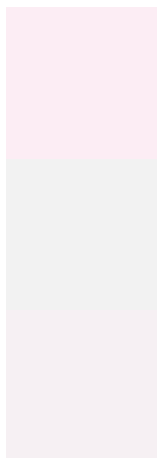
Deuteranomaly

87.5328, 0.3204, 0.3222

Tritanomaly

87.7757, 0.3153, 0.3154

Monochromacy



Original Color

87.7955, 0.3184, 0.3222

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.3841, 0.3148, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.7955, 0.3184, 0.3222 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, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 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(252, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 244) }
```

Border

The CSS property to change the border of an element to Yxy 87.7955, 0.3184, 0.3222 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, 237, 244) }
```

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

```
.border{ border-color:rgb(252, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 87.7955, 0.3184, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 244) }
```

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

```
.background{ background-color: rgb(252,  
237, 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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