

Converting Colors

$Yxy(86.9608, 0.3246, 0.3330)$

Have a look what the booklet for
Yxy(86.9608, 0.3246, 0.3330)
contains.

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Color

Yxy(86.9608, 0.3246, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FBEDE9</code>
RGB	<code>251, 237, 233</code>
RGB Percent	<code>98%, 93%, 91%</code>
CMY	<code>0.0158, 0.0705, 0.0862</code>
CMYK	<code>0.00, 0.06, 0.07, 0.02</code>
HSL	<code>13°, 69%, 95%</code>
HSV	<code>13°, 7%, 98%</code>
XYZ	<code>84.7672, 86.9608, 89.4155</code>
YIQ	<code>240.7300, 9.6280, 1.7240</code>

Conversions

Conversions Part 2

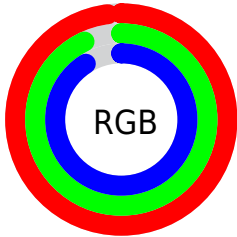
Format	Color
R_{YB}	251, 238, 233
Decimal	16510441
CIE _{Lab}	94.72, 4.03, 3.61
CIE _{LCh}	95, 5.413, 41.823
Yxy	86.9608, 0.3246, 0.3330
Android (android.graphics.Color)	4294700521 (0xFFFFBEDE9)
YUV	240.7300, -3.8109, 9.0068
Hunter-Lab	93.2528, -0.9350, 8.4266

Details

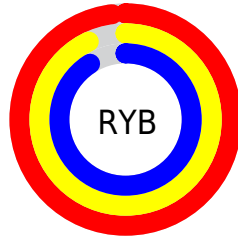
The Yxy color **86.9608, 0.3246, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.7852, 0.3016, 0.3250**, and the grayscale version is **87.7642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6914, 0.3272, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **74.9463, 0.3441, 0.3389**, and if you desaturate by 10%, it is **99.2427, 0.3102, 0.3290**.

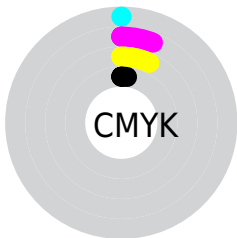
Distribution



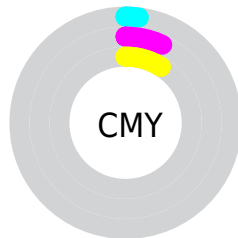
- Red (98%)
- Green (93%)
- Blue (91%)



- Red (98%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.9608, 0.3246, 0.3330 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 86.9608, 0.3246, 0.3330 by changing the saturation by 10% instead.


 86.9608, 0.3246,
0.3330

 86.9608, 0.3246,
0.3330

518.0940, 0.3193,
0.3312

 65.4628, 0.3258,
0.3334

143.1095, 0.3228,
0.3324

 47.8364, 0.3272,
0.3338


178.5290, 0.3221,
0.3322

 33.6974, 0.3290,
0.3344


219.3577, 0.3214,
0.3320

 22.6612, 0.3314,
0.3352

265.9801, 0.3209,
0.3318

 14.3435, 0.3345,
0.3361

318.7805, 0.3204,
0.3316

 8.3600, 0.3388,
0.3374

378.1434, 0.3200,

 4.3262, 0.3453,

0.3315

0.3393

444.4531, 0.3196,
0.3314

■ 1.8576, 0.3560,
0.3423

■ 0.5227, 0.4149,
0.3643

■ 86.9608, 0.3246,
0.3330

■ 86.9608, 0.3246,
0.3330

■ 74.9463, 0.3441,
0.3389

■ 99.2427, 0.3102,
0.3290

■ 64.3120, 0.3676,
0.3452

■ 55.0114, 0.3957,
0.3514

■ 46.9911, 0.4287,
0.3573

■ 40.1941, 0.4661,
0.3620

■ 34.5589, 0.5067,
0.3646

■ 30.0184, 0.5471,
0.3640

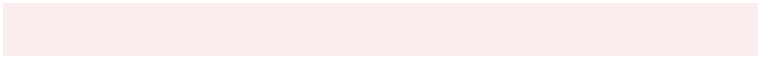
■ 26.4984, 0.5831,
0.3595

■ 23.9136, 0.6099,
0.3514

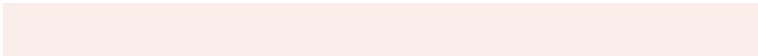
Harmonies

Analogous

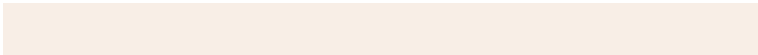
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9608, 0.3219, 0.3276



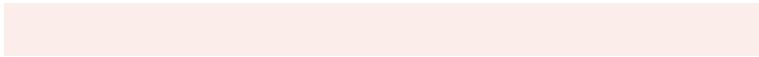
86.9608, 0.3246, 0.3330



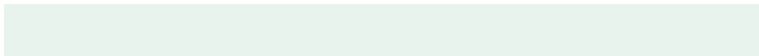
86.9608, 0.3241, 0.3374

Triad

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



86.9608, 0.3246, 0.3330



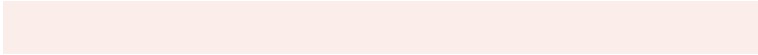
86.9608, 0.3087, 0.3355



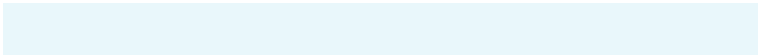
86.9608, 0.3049, 0.3186

Complementary

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



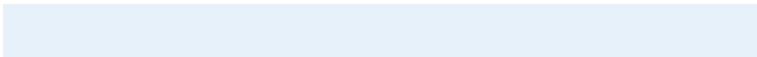
86.9608, 0.3246, 0.3330



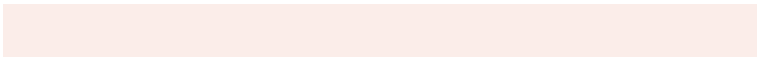
90.7852, 0.3016, 0.3250

Split Complementary

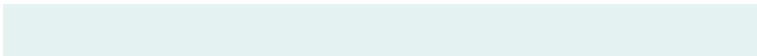
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.9608, 0.3015, 0.3206



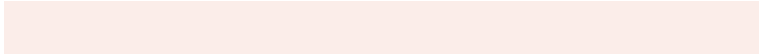
86.9608, 0.3246, 0.3330



86.9608, 0.3036, 0.3304

Square

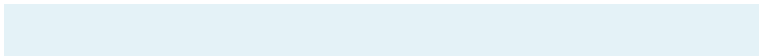
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9608, 0.3246, 0.3330



86.9608, 0.3149, 0.3389



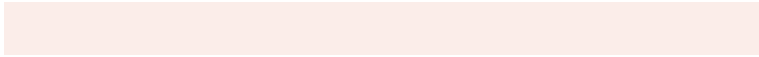
86.9608, 0.3010, 0.3249



86.9608, 0.3105, 0.3193

Rectangle

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



86.9608, 0.3246, 0.3330



86.9608, 0.3220, 0.3392



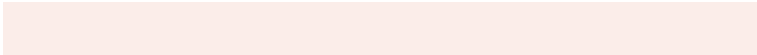
86.9608, 0.3010, 0.3249



86.9608, 0.3035, 0.3189

Sweetspot

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



86.9646, 0.3246, 0.3330



97.1738, 0.3159, 0.3301



85.5070, 0.3160, 0.3152



20.8289, 0.3157, 0.3300



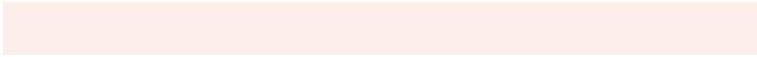
0.0000, 0.0000, 0.0000



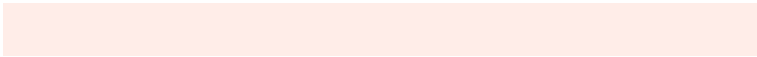
21.4041, 0.3127, 0.3290

Same Dimension

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



86.9646, 0.3246, 0.3330



87.7559, 0.3279, 0.3341



92.2239, 0.3238, 0.3417



17.8531, 0.3288, 0.3344



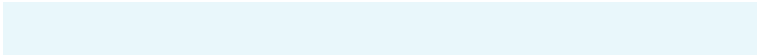
12.4433, 0.6135, 0.3511



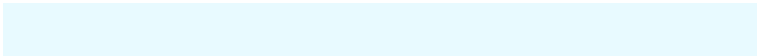
1.3033, 0.5912, 0.3688

Inverse Universe

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



90.7852, 0.3016, 0.3250



92.6808, 0.2988, 0.3239



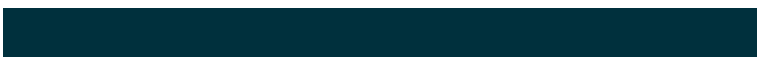
85.4947, 0.3017, 0.3160



18.9131, 0.2980, 0.3236



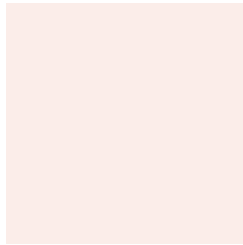
24.4051, 0.2043, 0.2553



2.4161, 0.2070, 0.2651

Previews

White Background



This preview shows how the Yxy color 86.9608, 0.3246, 0.3330 looks on a white background.

Color Contrast Check

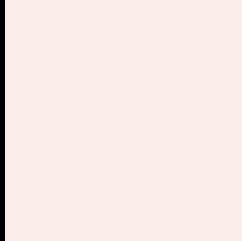
Large Text (above 18pt) WCAG AA × Fail

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 86.9608, 0.3246, 0.3330 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

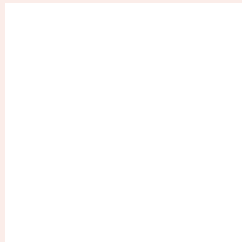
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.9608, 0.3246, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 86.9608, 0.3246, 0.3330.

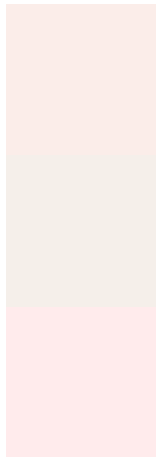


This preview shows how white text looks on a background with the Yxy color 86.9608, 0.3246, 0.3330.

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

86.9608, 0.3246, 0.3330

Protanopia

87.0860, 0.3198, 0.3340

Deuteranopia

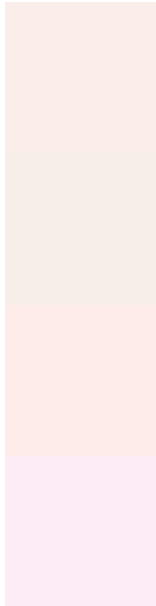
86.7328, 0.3256, 0.3281



Tritanopia

86.9447, 0.3149, 0.3116

Trichromacy



Original Color

86.9608, 0.3246, 0.3330

Protanomaly

86.8637, 0.3212, 0.3330

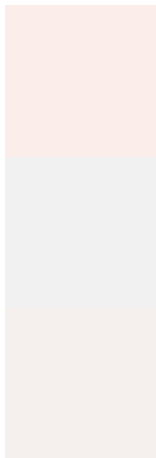
Deuteranomaly

87.0599, 0.3255, 0.3300

Tritanomaly

86.8919, 0.3185, 0.3192

Monochromacy



Original Color

86.9608, 0.3246, 0.3330

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9057, 0.3172, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.9608, 0.3246, 0.3330 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, 237, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 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(251, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 233) }
```

Border

The CSS property to change the border of an element to Yxy 86.9608, 0.3246, 0.3330 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, 237, 233) }
```

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

```
.border{ border-color:rgb(251, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 86.9608, 0.3246, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 233) }
```

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

```
.background{ background-color: rgb(251,  
237, 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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