

Converting Colors

$Yxy(87.2327, 0.3227, 0.3332)$

Have a look what the booklet for
Yxy(87.2327, 0.3227, 0.3332)
contains.

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Color

Yxy(87.2293, 0.3226, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEEE
RGB	249, 238, 234
RGB Percent	98%, 93%, 92%
CMY	0.0233, 0.0667, 0.0824
CMYK	0.00, 0.04, 0.06, 0.02
HSL	16°, 56%, 95%
HSV	16°, 6%, 98%
XYZ	84.5050, 87.2293, 90.2155
YIQ	240.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

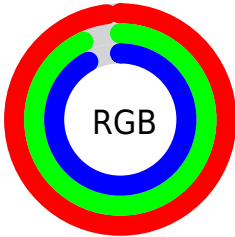
Format	Color
R _Y B	249, 239, 234
Decimal	16379626
CIE Lab	94.84, 3.05, 3.25
CIE LCh	95, 4.454, 46.842
Yxy	87.2293, 0.3226, 0.3330
Android (android.graphics.Color)	4294569706 (0xFF9EEEA)
YUV	240.8330, -3.3687, 7.1625
Hunter-Lab	93.3966, -1.9378, 8.1071

Details

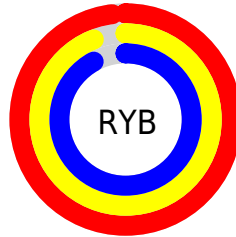
The Yxy color **87.2293, 0.3226, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.6695, 0.3033, 0.3250**, and the grayscale version is **87.8541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.0077, 0.3254, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **75.7869, 0.3415, 0.3400**, and if you desaturate by 10%, it is **98.8895, 0.3091, 0.3290**.

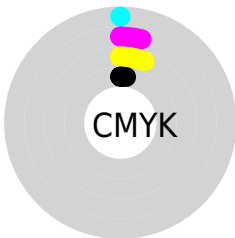
Distribution



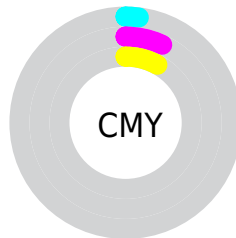
- Red (98%)
- Green (93%)
- Blue (92%)



- Red (98%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.2293, 0.3226, 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 87.2293, 0.3226, 0.3330 by changing the saturation by 10% instead.


 87.2293, 0.3226,
0.3330

 87.2293, 0.3226,
0.3330

518.9760, 0.3182,
0.3312

 65.6850, 0.3236,
0.3334

143.4837, 0.3211,
0.3324

 48.0167, 0.3248,
0.3339


178.9626, 0.3205,
0.3322

 33.8401, 0.3263,
0.3344


219.8551, 0.3200,
0.3320

 22.7708, 0.3282,
0.3352

266.5456, 0.3195,
0.3318

 14.4244, 0.3308,
0.3362

319.4186, 0.3191,
0.3316

 8.4164, 0.3344,
0.3375

378.8584, 0.3188,

 4.3625, 0.3397,

0.3315

0.3395

445.2494, 0.3184,
0.3313

■ 1.8784, 0.3486,
0.3426

■ 0.5353, 0.3956,
0.3631

■ 87.2293, 0.3226,
0.3330

■ 87.2293, 0.3226,
0.3330

■ 75.7869, 0.3415,
0.3400

■ 98.8895, 0.3091,
0.3290

■ 65.5832, 0.3641,
0.3474

■ 56.5797, 0.3908,
0.3548

■ 48.7310, 0.4221,
0.3619

■ 41.9893, 0.4575,
0.3678

■ 36.3030, 0.4959,
0.3715

■ 31.6163, 0.5348,
0.3719

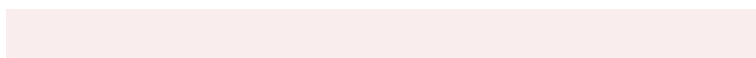
■ 27.8674, 0.5703,
0.3680

■ 24.9870, 0.5982,
0.3598

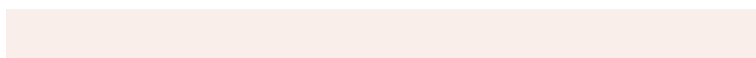
Harmonies

Analogous

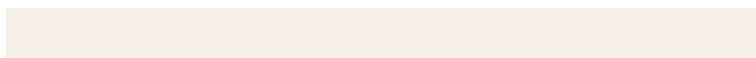
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2293, 0.3208, 0.3286



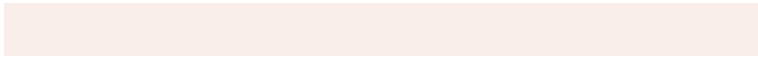
87.2293, 0.3226, 0.3330



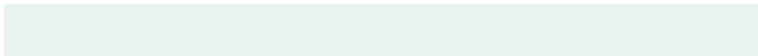
87.2293, 0.3218, 0.3364

Triad

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



87.2293, 0.3226, 0.3330



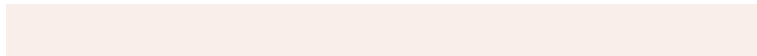
87.2293, 0.3086, 0.3337



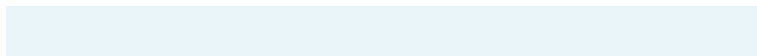
87.2293, 0.3070, 0.3204

Complementary

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



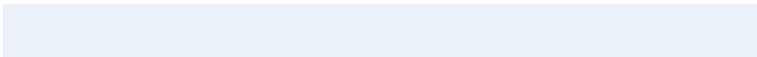
87.2293, 0.3226, 0.3330



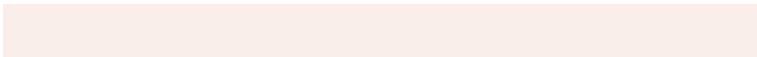
89.6695, 0.3033, 0.3250

Split Complementary

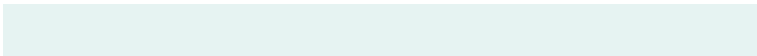
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2293, 0.3038, 0.3216



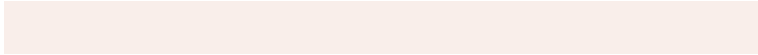
87.2293, 0.3226, 0.3330



87.2293, 0.3047, 0.3293

Square

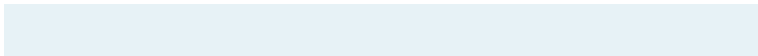
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2293, 0.3226, 0.3330



87.2293, 0.3137, 0.3368



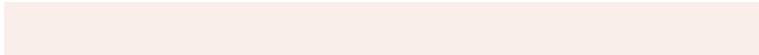
87.2293, 0.3030, 0.3249



87.2293, 0.3117, 0.3214

Rectangle

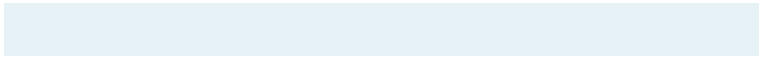
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2293, 0.3226, 0.3330



87.2293, 0.3198, 0.3376



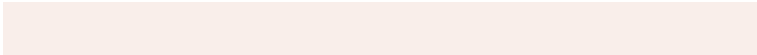
87.2293, 0.3030, 0.3249



87.2293, 0.3057, 0.3205

Sweetspot

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



87.2331, 0.3226, 0.3330



97.3095, 0.3159, 0.3303



85.5991, 0.3158, 0.3179



20.8565, 0.3157, 0.3302



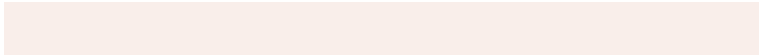
0.0000, 0.0000, 0.0000



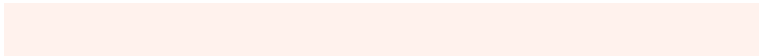
21.4041, 0.3127, 0.3290

Same Dimension

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



87.2331, 0.3226, 0.3330



90.8230, 0.3243, 0.3337



91.5681, 0.3220, 0.3402



18.4580, 0.3253, 0.3341



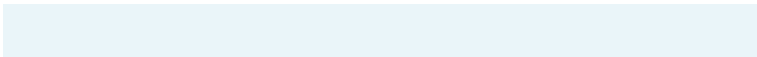
13.0725, 0.6045, 0.3582



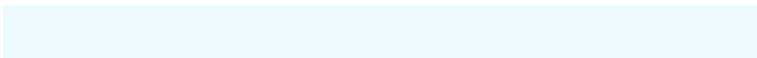
1.3767, 0.5814, 0.3765

Inverse Universe

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



89.6695, 0.3033, 0.3250



93.7822, 0.3019, 0.3243



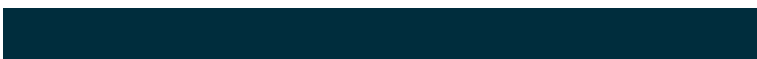
85.3401, 0.3034, 0.3176



19.1127, 0.3009, 0.3239



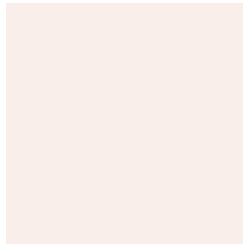
22.0032, 0.2001, 0.2403



2.2115, 0.2034, 0.2521

Previews

White Background



This preview shows how the Yxy color 87.2293, 0.3226, 0.3330 looks on a white background.

Color Contrast Check

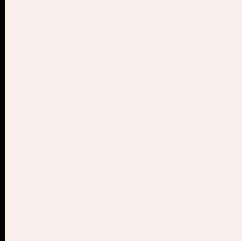
Large Text (above 18pt) WCAG AA × Fail

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 87.2293, 0.3226, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

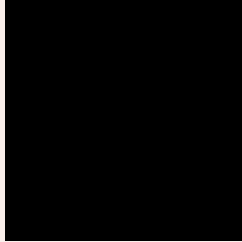
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

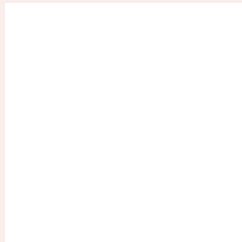
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2293, 0.3226, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 87.2293, 0.3226, 0.3330.

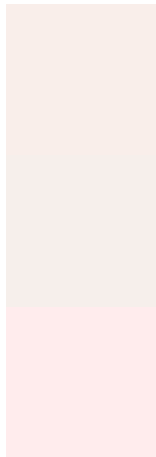


This preview shows how white text looks on a background with the Yxy color 87.2293, 0.3226, 0.3330.

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

87.2293, 0.3226, 0.3330

Protanopia

87.3240, 0.3198, 0.3330

Deuteranopia

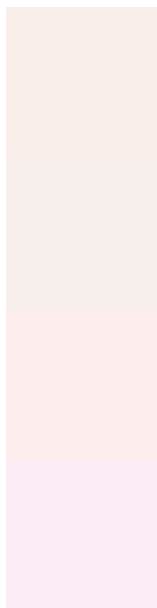
87.3653, 0.3249, 0.3281



Tritanopia

87.2040, 0.3129, 0.3115

Trichromacy



Original Color

87.2293, 0.3226, 0.3330

Protanomaly

87.5053, 0.3205, 0.3330

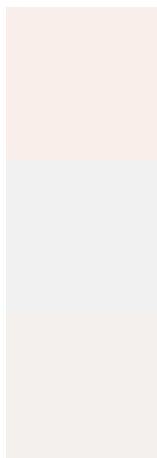
Deuteranomaly

87.5071, 0.3241, 0.3300

Tritanomaly

87.1540, 0.3165, 0.3192

Monochromacy



Original Color

87.2293, 0.3226, 0.3330

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7263, 0.3166, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2293, 0.3226, 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(249, 238, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 234)  
}
```

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(249, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 234) }
```

Border

The CSS property to change the border of an element to Yxy 87.2293, 0.3226, 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(249, 238, 234) }
```

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

```
.border{ border-color:rgb(249, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 238, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 238, 234); box-shadow:4px 4px 4px 4px rgb(249, 238, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2293, 0.3226, 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(249, 238, 234) }
```

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

```
.background{ background-color: rgb(249,  
238, 234) }
```

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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