

Converting Colors

$Yxy(87.1141, 0.3243, 0.3357)$

Have a look what the booklet for
Yxy(87.1141, 0.3243, 0.3357)
contains.

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Color

Yxy(87.0583, 0.3245, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEE7
RGB	249, 238, 231
RGB Percent	98%, 93%, 91%
CMY	0.0233, 0.0667, 0.0942
CMYK	0.00, 0.04, 0.07, 0.02
HSL	23°, 60%, 94%
HSV	23°, 7%, 98%
XYZ	84.0786, 87.0583, 87.9652
YIQ	240.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

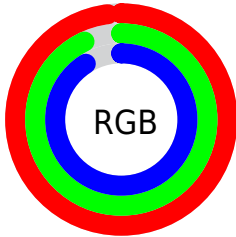
Format	Color
R_{YB}	249, 242, 231
Decimal	16379623
CIE _{Lab}	94.76, 2.55, 4.70
CIE _{LCh}	95, 5.346, 61.524
Yxy	87.0583, 0.3245, 0.3360
Android (android.graphics.Color)	4294569703 (0xFFFF9EEE7)
YUV	240.4910, -4.6791, 7.4624
Hunter-Lab	93.3050, -2.4347, 9.4167

Details

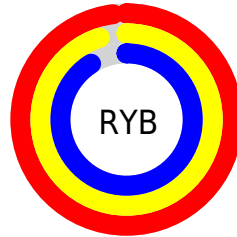
The Yxy color **87.0583, 0.3245, 0.3360** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3687, 0.3015, 0.3219**, and the grayscale version is **87.5817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.8885, 0.3279, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **77.2432, 0.3431, 0.3462**, and if you desaturate by 10%, it is **97.7762, 0.3091, 0.3273**.

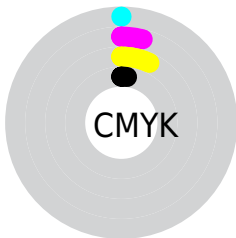
Distribution



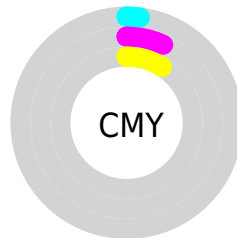
- Red (98%)
- Green (93%)
- Blue (91%)



- Red (98%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.0583, 0.3245, 0.3360 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 87.0583, 0.3245, 0.3360 by changing the saturation by 10% instead.


 87.0583, 0.3245,
0.3360

 87.0583, 0.3245,
0.3360

518.4144, 0.3192,
0.3329

 65.5435, 0.3257,
0.3367


143.2454, 0.3227,
0.3349

 47.9019, 0.3271,
0.3375


178.6864, 0.3220,
0.3345

 33.7492, 0.3289,
0.3385


219.5383, 0.3214,
0.3342

 22.7010, 0.3312,
0.3399

266.1855, 0.3208,
0.3338

 14.3729, 0.3343,
0.3416

319.0123, 0.3204,
0.3336

 8.3805, 0.3385,
0.3440

378.4031, 0.3199,

 4.3393, 0.3449,

0.3333

0.3476

444.7423, 0.3195,
0.3331

■ 1.8651, 0.3555,
0.3533

■ 0.5273, 0.4216,
0.3946

■ 87.0583, 0.3245,
0.3360

■ 87.0583, 0.3245,
0.3360

■ 77.2432, 0.3431,
0.3462

■ 97.7762, 0.3091,
0.3273

■ 68.3505, 0.3648,
0.3568

■ 98.8902, 0.3091,
0.3290

■ 60.3556, 0.3898,
0.3675

■ 53.2285, 0.4181,
0.3777

■ 46.9378, 0.4494,
0.3864

■ 41.4494, 0.4824,
0.3925

■ 36.7267, 0.5153,
0.3946

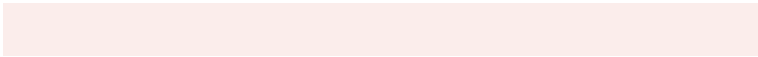
■ 32.7293, 0.5454,
0.3916

■ 29.4105, 0.5702,
0.3833

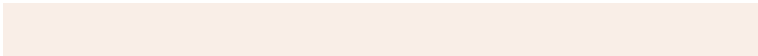
Harmonies

Analogous

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



87.0583, 0.3239, 0.3312



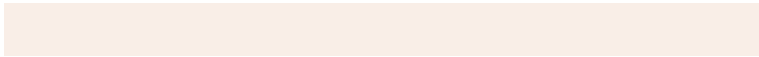
87.0583, 0.3245, 0.3360



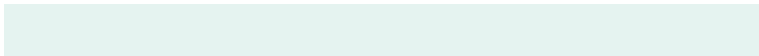
87.0583, 0.3220, 0.3390

Triad

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



87.0583, 0.3245, 0.3360



87.0583, 0.3053, 0.3322



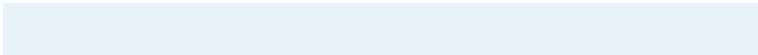
87.0583, 0.3084, 0.3189

Complementary

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



87.0583, 0.3245, 0.3360



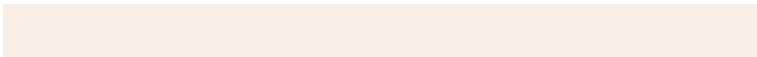
87.3687, 0.3015, 0.3219

Split Complementary

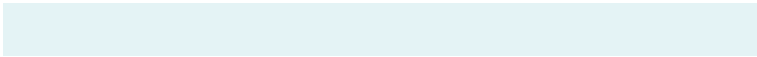
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0583, 0.3035, 0.3191



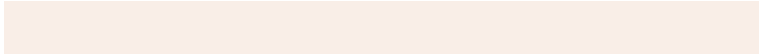
87.0583, 0.3245, 0.3360



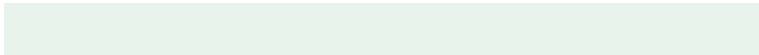
87.0583, 0.3017, 0.3267

Square

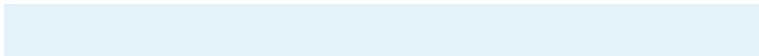
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0583, 0.3245, 0.3360



87.0583, 0.3108, 0.3369



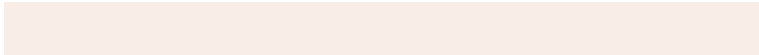
87.0583, 0.3011, 0.3219



87.0583, 0.3145, 0.3214

Rectangle

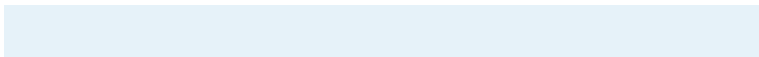
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.0583, 0.3245, 0.3360



87.0583, 0.3188, 0.3396



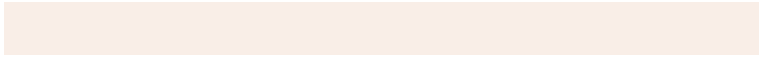
87.0583, 0.3011, 0.3219



87.0583, 0.3066, 0.3186

Sweetspot

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



87.0621, 0.3245, 0.3360



97.6987, 0.3158, 0.3309



83.7151, 0.3179, 0.3180



20.9357, 0.3157, 0.3308



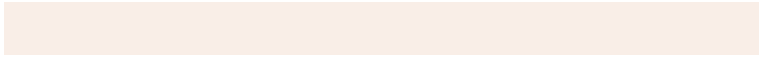
0.0000, 0.0000, 0.0000



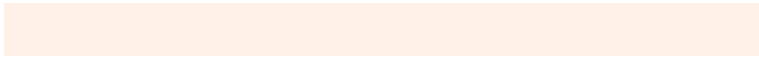
21.4041, 0.3127, 0.3290

Same Dimension

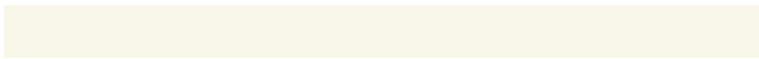
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0621, 0.3245, 0.3360



89.9649, 0.3276, 0.3378



92.4095, 0.3237, 0.3448



18.3279, 0.3284, 0.3382



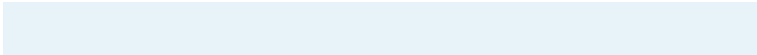
15.5596, 0.5734, 0.3829



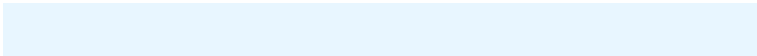
1.6398, 0.5513, 0.4005

Inverse Universe

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



87.3687, 0.3015, 0.3219



90.3618, 0.2987, 0.3201



82.1636, 0.3015, 0.3127



18.4133, 0.2980, 0.3196



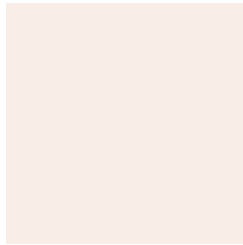
16.0583, 0.1880, 0.1966



1.6929, 0.1928, 0.2141

Previews

White Background



This preview shows how the Yxy color 87.0583, 0.3245, 0.3360 looks on a white background.

Color Contrast Check

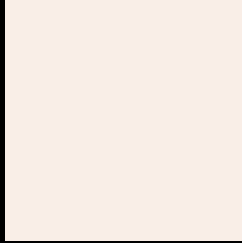
Large Text (above 18pt) WCAG AA × Fail

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 87.0583, 0.3245, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

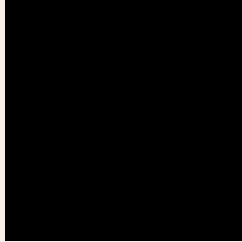
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

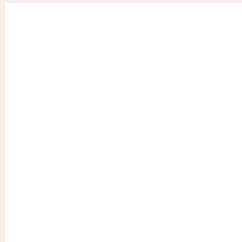
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.0583, 0.3245, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 87.0583, 0.3245, 0.3360.

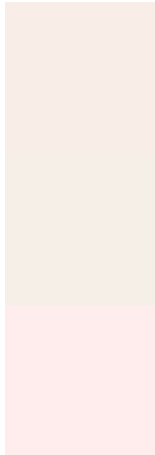


This preview shows how white text looks on a background with the Yxy color 87.0583, 0.3245, 0.3360.

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

87.0583, 0.3245, 0.3360

Protanopia

87.0954, 0.3223, 0.3370

Deuteranopia

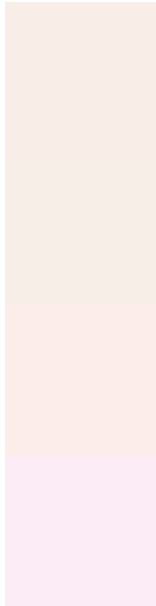
87.3070, 0.3255, 0.3290



Tritanopia

87.2040, 0.3129, 0.3115

Trichromacy



Original Color

87.0583, 0.3245, 0.3360

Protanomaly

87.2767, 0.3230, 0.3370

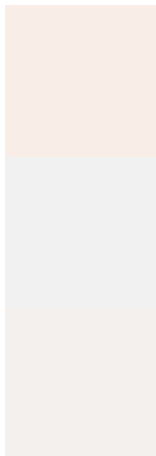
Deuteranomaly

87.3915, 0.3254, 0.3320

Tritanomaly

87.0927, 0.3171, 0.3202

Monochromacy



Original Color

87.0583, 0.3245, 0.3360

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.6677, 0.3172, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.0583, 0.3245, 0.3360 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 231) }
```

Border

The CSS property to change the border of an element to Yxy 87.0583, 0.3245, 0.3360 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, 231) }
```

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

```
.border{ border-color:rgb(249, 238, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 87.0583, 0.3245, 0.3360 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, 231) }
```

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

```
.background{ background-color: rgb(249,  
238, 231) }
```

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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