

Converting Colors

$Y_{xy}(87.5920, 0.3319, 0.3405)$

Have a look what the booklet for
Yxy(87.5920, 0.3319, 0.3405)
contains.

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Color

Yxy(87.3194, 0.3319, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE2
RGB	255, 237, 226
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0706, 0.1137
CMYK	0.00, 0.07, 0.11, 0.00
HSL	23°, 100%, 94%
HSV	23°, 11%, 100%
XYZ	85.2642, 87.3194, 84.3137
YIQ	241.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

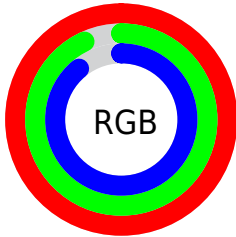
Format	Color
R _Y B	255, 244, 226
Decimal	16772578
CIE Lab	94.87, 4.32, 7.50
CIE LCh	95, 8.657, 60.084
Yxy	87.3194, 0.3319, 0.3399
Android (android.graphics.Color)	4294962658 (0xFFFFE2E2)
YUV	241.1280, -7.4581, 12.1657
Hunter-Lab	93.4449, -0.6553, 11.9150

Details

The Yxy color **87.3194, 0.3319, 0.3399** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0986, 0.2950, 0.3178**, and the grayscale version is **88.1157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9938, 0.3358, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **77.2478, 0.3518, 0.3501**, and if you desaturate by 10%, it is **98.3994, 0.3148, 0.3303**.

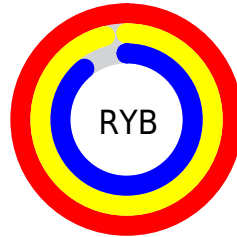
Distribution



Red (100%)

Green (93%)

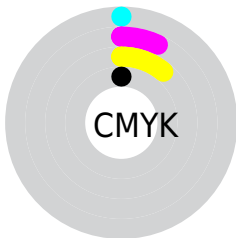
Blue (89%)



Red (100%)

Yellow (96%)

Blue (89%)

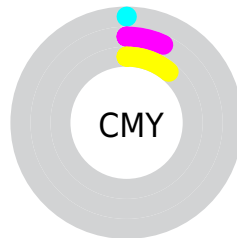


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.3194, 0.3319, 0.3399 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 87.3194, 0.3319, 0.3399 by changing the saturation by 10% instead.

 87.3194, 0.3319,
0.3399

 87.3194, 0.3319,
0.3399


519.2718, 0.3233,
0.3351

 65.7596, 0.3338,
0.3410


143.6092, 0.3290,
0.3383

 48.0772, 0.3362,
0.3422


179.1080, 0.3278,
0.3376

 33.8881, 0.3391,
0.3438


220.0219, 0.3268,
0.3371

 22.8076, 0.3428,
0.3458

266.7353, 0.3259,
0.3366

 14.4515, 0.3478,
0.3485

319.6326, 0.3251,
0.3361

 8.4354, 0.3548,
0.3521

379.0982, 0.3244,

 4.3748, 0.3652,

0.3357

0.3573

445.5165, 0.3238,
0.3354

■ 1.8853, 0.3823,
0.3655

■ 0.5395, 0.5065,
0.4420

■ 87.3194, 0.3319,
0.3399

■ 87.3194, 0.3319,
0.3399

■ 77.2478, 0.3518,
0.3501

■ 98.3994, 0.3148,
0.3303

■ 68.1694, 0.3750,
0.3606

100.0000, 0.3127,
0.3290

■ 60.0475, 0.4016,
0.3710

■ 52.8489, 0.4316,
0.3805

■ 46.5381, 0.4641,
0.3880

■ 41.0769, 0.4978,
0.3924

■ 36.4239, 0.5304,
0.3923

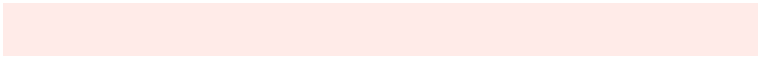
■ 32.5326, 0.5589,
0.3869

■ 29.7401, 0.5789,
0.3785

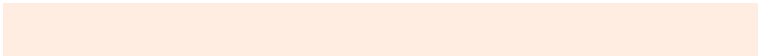
Harmonies

Analogous

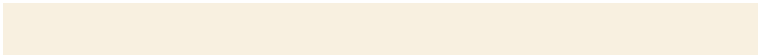
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3194, 0.3306, 0.3320



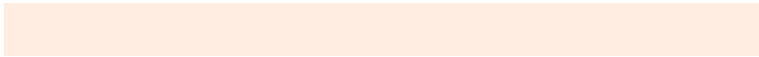
87.3194, 0.3319, 0.3399



87.3194, 0.3280, 0.3451

Triad

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



87.3194, 0.3319, 0.3399



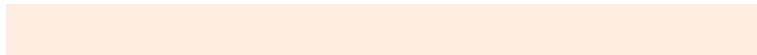
87.3194, 0.3010, 0.3346



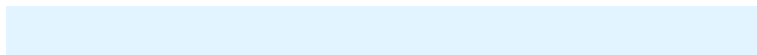
87.3194, 0.3053, 0.3126

Complementary

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



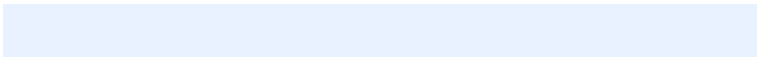
87.3194, 0.3319, 0.3399



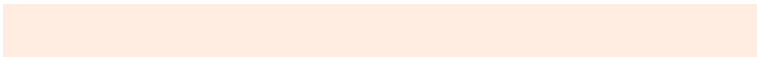
88.0986, 0.2950, 0.3178

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.



87.3194, 0.2976, 0.3131



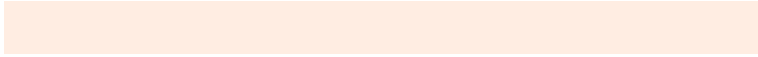
87.3194, 0.3319, 0.3399



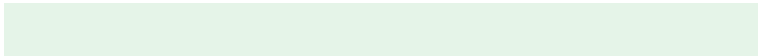
87.3194, 0.2952, 0.3256

Square

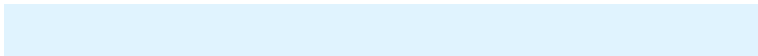
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3194, 0.3319, 0.3399



87.3194, 0.3101, 0.3421



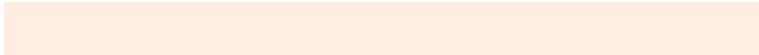
87.3194, 0.2939, 0.3178



87.3194, 0.3152, 0.3164

Rectangle

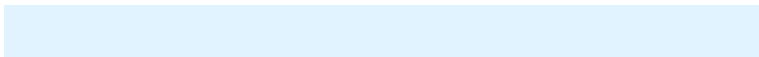
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3194, 0.3319, 0.3399



87.3194, 0.3229, 0.3462



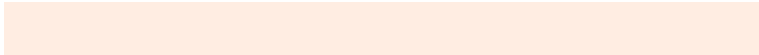
87.3194, 0.2939, 0.3178



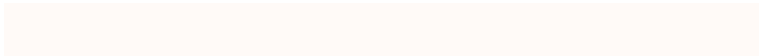
87.3194, 0.3024, 0.3123

Sweetspot

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



87.3145, 0.3319, 0.3399



96.5229, 0.3174, 0.3318



82.2090, 0.3209, 0.3110



20.4644, 0.3187, 0.3326



0.0000, 0.0000, 0.0000



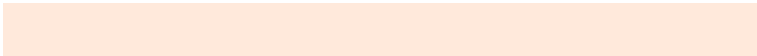
21.4041, 0.3127, 0.3290

Same Dimension

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



87.3145, 0.3319, 0.3399



84.5704, 0.3368, 0.3425



95.8293, 0.3302, 0.3535



19.1150, 0.3285, 0.3381



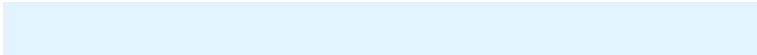
15.8043, 0.5759, 0.3809



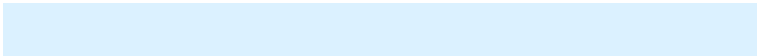
1.7413, 0.5547, 0.3978

Inverse Universe

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



88.0986, 0.2950, 0.3178



85.5174, 0.2909, 0.3151



79.9109, 0.2948, 0.3032



19.2572, 0.2979, 0.3198



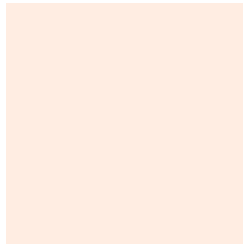
16.9144, 0.1888, 0.1995



1.8577, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 87.3194, 0.3319, 0.3399 looks on a white background.

Color Contrast Check

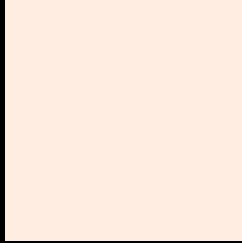
Large Text (above 18pt) WCAG AA × Fail

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 87.3194, 0.3319, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

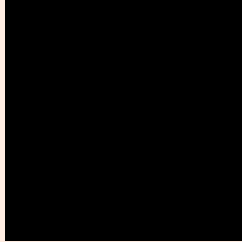
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.3194, 0.3319, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 87.3194, 0.3319, 0.3399.

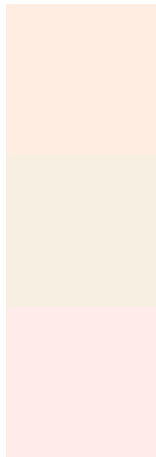


This preview shows how white text looks on a background with the Yxy color 87.3194, 0.3319, 0.3399.

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

87.3194, 0.3319, 0.3399

Protanopia

87.2355, 0.3262, 0.3410

Deuteranopia

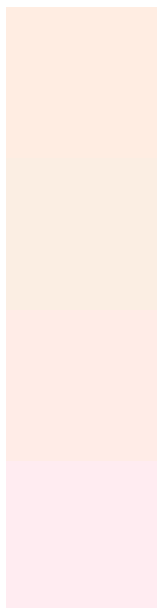
87.1914, 0.3268, 0.3310



Tritanopia

87.5162, 0.3174, 0.3154

Trichromacy



Original Color

87.3194, 0.3319, 0.3399

Protanomaly

87.2044, 0.3284, 0.3400

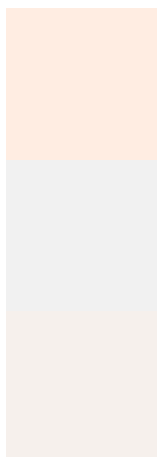
Deuteranomaly

87.0204, 0.3287, 0.3340

Tritanomaly

87.6018, 0.3223, 0.3241

Monochromacy



Original Color

87.3194, 0.3319, 0.3399

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9691, 0.3191, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3194, 0.3319, 0.3399 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(255, 237, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 226)  
}
```

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(255, 237, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 226) }
```

Border

The CSS property to change the border of an element to Yxy 87.3194, 0.3319, 0.3399 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(255, 237, 226) }
```

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

```
.border{ border-color:rgb(255, 237, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3194, 0.3319, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 226) }
```

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

```
.background{ background-color: rgb(255,  
237, 226) }
```

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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