

Converting Colors

$Yxy(99.2016, 0.3507, 0.3339)$

Have a look what the booklet for
Yxy(99.2016, 0.3507, 0.3339)
contains.

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Color

Yxy(90.8787, 0.3244, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2ED
RGB	255, 242, 237
RGB Percent	100%, 95%, 93%
CMY	0.0000, 0.0510, 0.0706
CMYK	0.00, 0.05, 0.07, 0.00
HSL	17°, 100%, 96%
HSV	17°, 7%, 100%
XYZ	88.2931, 90.8787, 93.0017
YIQ	245.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

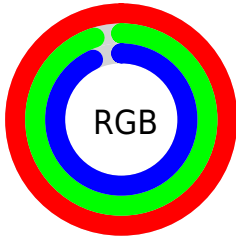
Format	Color
R _Y B	255, 244, 237
Decimal	16773869
CIE Lab	96.36, 3.55, 3.96
CIE LCh	96, 5.323, 48.117
Yxy	90.8787, 0.3244, 0.3339
Android (android.graphics.Color)	4294963949 (0xFFFFF2ED)
YUV	245.3170, -4.1003, 8.4920
Hunter-Lab	95.3303, -1.5049, 8.8895

Details

The Yxy color 90.8787, 0.3244, 0.3339 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.5971, 0.3018, 0.3240, and the grayscale version is 91.5998, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.4598, 0.3268, 0.3353 is the 20% darker color. If you saturate the color by 10%, you get 79.0645, 0.3436, 0.3413, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

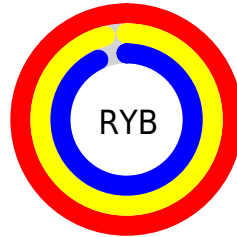
Distribution



Red (100%)

Green (95%)

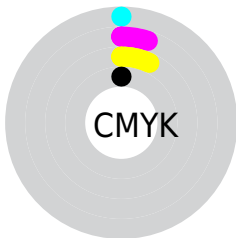
Blue (93%)



Red (100%)

Yellow (96%)

Blue (93%)



Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.8787, 0.3244, 0.3339 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 90.8787, 0.3244, 0.3339 by changing the saturation by 10% instead.

 90.8787, 0.3244,
0.3339

 90.8787, 0.3244,
0.3339


530.8851, 0.3192,
0.3318

 68.7097, 0.3255,
0.3344


148.5583, 0.3226,
0.3332

 50.4753, 0.3269,
0.3349


184.8377, 0.3219,
0.3329

 35.7912, 0.3287,
0.3356


226.5894, 0.3213,
0.3326

 24.2730, 0.3309,
0.3365

274.1977, 0.3208,
0.3324

 15.5362, 0.3338,
0.3377

328.0470, 0.3203,
0.3322

 9.1966, 0.3379,
0.3392

388.5217, 0.3199,

 4.8696, 0.3439,

0.3321

0.3415

456.0063, 0.3195,
0.3319

■ 2.1710, 0.3537,
0.3451

■ 0.7041, 0.3878,
0.3611

■ 90.8787, 0.3244,
0.3339

■ 90.8787, 0.3244,
0.3339

■ 79.0645, 0.3436,
0.3413

100.0000, 0.3127,
0.3290

■ 68.5332, 0.3665,
0.3490

■ 59.2338, 0.3935,
0.3567

■ 51.1201, 0.4249,
0.3640

■ 44.1430, 0.4603,
0.3701

■ 38.2497, 0.4985,
0.3737

■ 33.3829, 0.5367,
0.3739

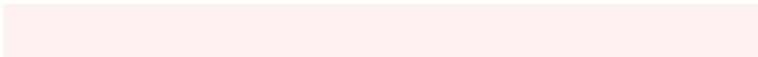
■ 29.4794, 0.5712,
0.3695

■ 26.4672, 0.5981,
0.3608

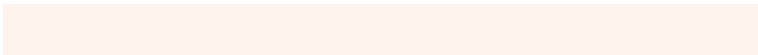
Harmonies

Analogous

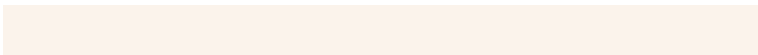
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8787, 0.3224, 0.3288



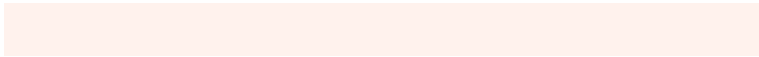
90.8787, 0.3244, 0.3339



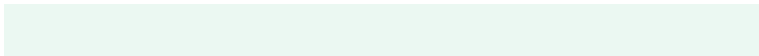
90.8787, 0.3233, 0.3378

Triad

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



90.8787, 0.3244, 0.3339



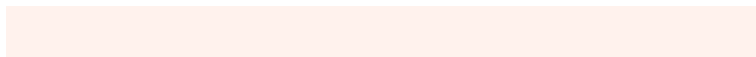
90.8787, 0.3077, 0.3344



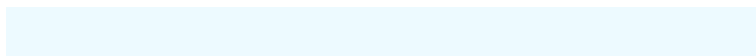
90.8787, 0.3061, 0.3188

Complementary

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



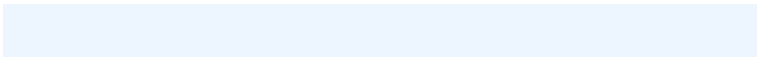
90.8787, 0.3244, 0.3339



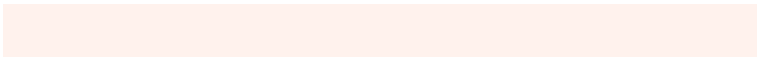
93.5971, 0.3018, 0.3240

Split Complementary

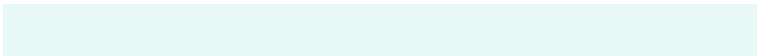
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8787, 0.3023, 0.3202



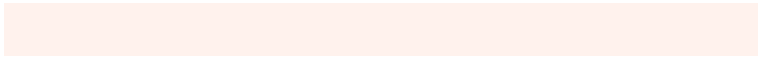
90.8787, 0.3244, 0.3339



90.8787, 0.3032, 0.3292

Square

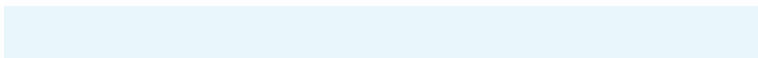
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.8787, 0.3244, 0.3339



90.8787, 0.3136, 0.3381



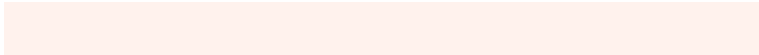
90.8787, 0.3012, 0.3240



90.8787, 0.3118, 0.3201

Rectangle

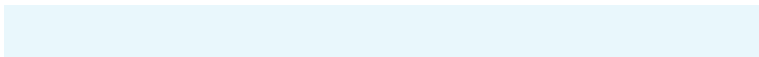
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.8787, 0.3244, 0.3339



90.8787, 0.3209, 0.3392



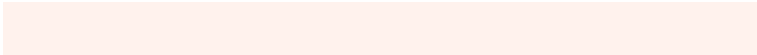
90.8787, 0.3012, 0.3240



90.8787, 0.3046, 0.3190

Sweetspot

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



90.8714, 0.3244, 0.3339



97.3471, 0.3159, 0.3304



88.7387, 0.3165, 0.3162



20.8642, 0.3157, 0.3303



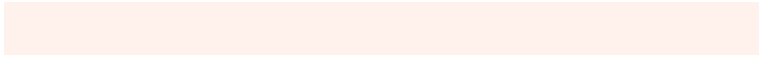
0.0000, 0.0000, 0.0000



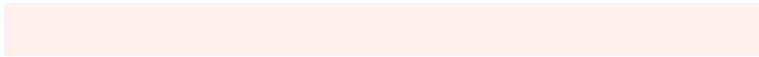
21.4041, 0.3127, 0.3290

Same Dimension

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



90.8714, 0.3244, 0.3339



89.7082, 0.3260, 0.3346



96.2424, 0.3236, 0.3424



18.8072, 0.3287, 0.3357



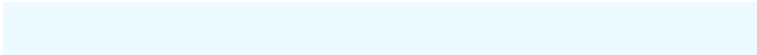
13.6603, 0.6019, 0.3603



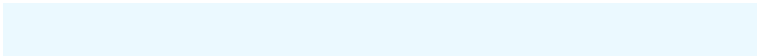
1.5041, 0.5799, 0.3777

Inverse Universe

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



93.5971, 0.3018, 0.3240



92.7762, 0.3003, 0.3234



88.2490, 0.3018, 0.3153



19.5793, 0.2980, 0.3222



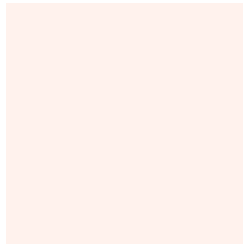
22.0046, 0.1989, 0.2360



2.3263, 0.2022, 0.2478

Previews

White Background



This preview shows how the Yxy color 90.8787, 0.3244, 0.3339 looks on a white background.

Color Contrast Check

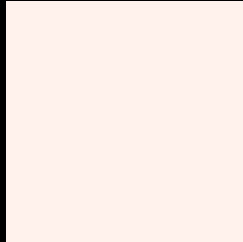
Large Text (above 18pt) WCAG AA × Fail

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 90.8787, 0.3244, 0.3339 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

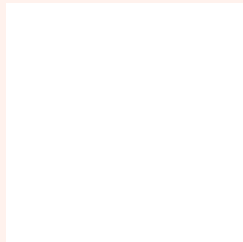
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8787, 0.3244, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 90.8787, 0.3244, 0.3339.

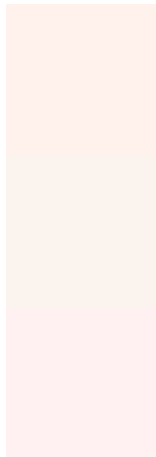


This preview shows how white text looks on a background with the Yxy color 90.8787, 0.3244, 0.3339.

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

90.8787, 0.3244, 0.3339

Protanopia

90.5982, 0.3203, 0.3339

Deuteranopia

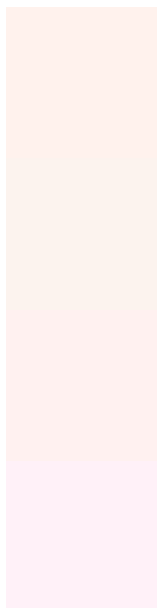
90.5814, 0.3213, 0.3281



Tritanopia

90.8002, 0.3134, 0.3146

Trichromacy



Original Color

90.8787, 0.3244, 0.3339

Protanomaly

90.9697, 0.3217, 0.3339

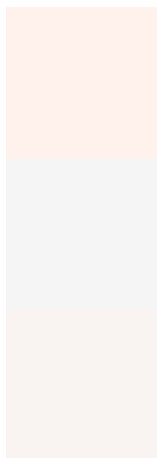
Deuteranomaly

90.4619, 0.3226, 0.3300

Tritanomaly

90.9479, 0.3176, 0.3223

Monochromacy



Original Color

90.8787, 0.3244, 0.3339

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.2519, 0.3172, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8787, 0.3244, 0.3339 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, 242, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 237)  
}
```

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, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 237) }
```

Border

The CSS property to change the border of an element to Yxy 90.8787, 0.3244, 0.3339 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, 242, 237) }
```

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

```
.border{ border-color:rgb(255, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8787, 0.3244, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 237) }
```

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

```
.background{ background-color: rgb(255,  
242, 237) }
```

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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