

Converting Colors

$Yxy(90.4836, 0.3208, 0.3367)$

Have a look what the booklet for
Yxy(90.4836, 0.3208, 0.3367)
contains.

Yxy(90.2970, 0.3209, 0.3359)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(90.2970, 0.3209, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3EC
RGB	249, 243, 236
RGB Percent	98%, 95%, 93%
CMY	0.0235, 0.0471, 0.0744
CMYK	0.00, 0.02, 0.05, 0.02
HSL	32°, 52%, 95%
HSV	32°, 5%, 98%
XYZ	86.2647, 90.2970, 92.2594
YIQ	243.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

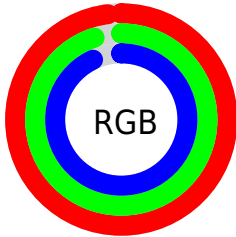
Format	Color
R _Y B	247, 249, 236
Decimal	16380908
CIE Lab	96.12, 0.82, 4.06
CIE LCh	96, 4.138, 78.506
Yxy	90.2970, 0.3209, 0.3359
Android (android.graphics.Color)	4294570988 (0xFFFF9F3EC)
YUV	243.9960, -3.9420, 4.3885
Hunter-Lab	95.0247, -4.2487, 8.9527

Details

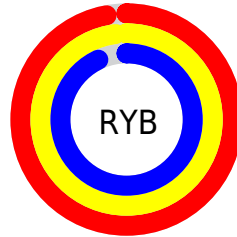
The Yxy color 90.2970, 0.3209, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2092, 0.3047, 0.3220, and the grayscale version is 90.4974, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.1734, 0.3232, 0.3378 is the 20% darker color. If you saturate the color by 10%, you get 82.2633, 0.3382, 0.3497, and if you desaturate by 10%, it is 98.5864, 0.3090, 0.3285.

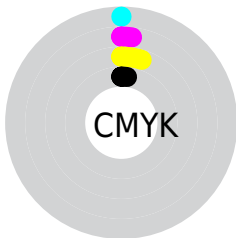
Distribution



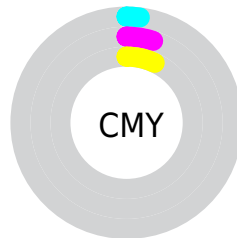
- Red (98%)
- Green (95%)
- Blue (93%)



- Red (97%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2970, 0.3209, 0.3359 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 90.2970, 0.3209, 0.3359 by changing the saturation by 10% instead.


 90.2970, 0.3209,
0.3359

 90.2970, 0.3209,
0.3359


528.9965, 0.3173,
0.3328

 68.2270, 0.3217,
0.3366


147.7509, 0.3197,
0.3349

 50.0824, 0.3227,
0.3374

183.9035, 0.3192,
0.3345

 35.4789, 0.3239,
0.3384


225.5192, 0.3187,
0.3341

 24.0320, 0.3254,
0.3397

272.9823, 0.3184,
0.3338

 15.3574, 0.3275,
0.3414

326.6771, 0.3180,
0.3335

 9.0706, 0.3304,
0.3438

386.9882, 0.3178,

 4.7872, 0.3346,

0.3333

0.3472

454.2999, 0.3175,
0.3330

■ 2.1230, 0.3414,
0.3528

■ 0.6775, 0.3698,
0.3773

■ 90.2970, 0.3209,
0.3359

■ 90.2970, 0.3209,
0.3359

■ 82.2633, 0.3382,
0.3497

■ 98.5864, 0.3090,
0.3285

■ 74.8452, 0.3578,
0.3642

■ 98.8826, 0.3090,
0.3290

■ 68.0295, 0.3796,
0.3787

■ 61.7984, 0.4035,
0.3928

■ 56.1328, 0.4290,
0.4055

■ 51.0123, 0.4553,
0.4157

■ 46.4145, 0.4809,
0.4219

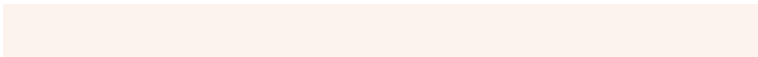
■ 42.3147, 0.5043,
0.4232

■ 38.6843, 0.5241,
0.4189

Harmonies

Analogous

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



90.2970, 0.3218, 0.3329



90.2970, 0.3209, 0.3359



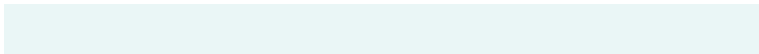
90.2970, 0.3178, 0.3371

Triad

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



90.2970, 0.3209, 0.3359



90.2970, 0.3052, 0.3291



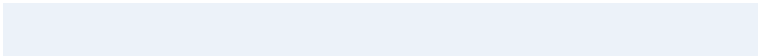
90.2970, 0.3121, 0.3221

Complementary

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



90.2970, 0.3209, 0.3359



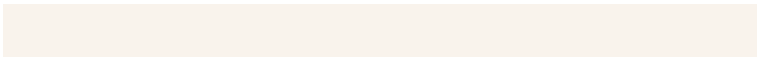
88.2092, 0.3047, 0.3220

Split Complementary

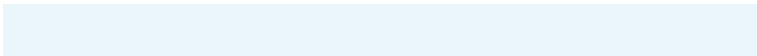
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2970, 0.3076, 0.3211



90.2970, 0.3209, 0.3359



90.2970, 0.3037, 0.3251

Square

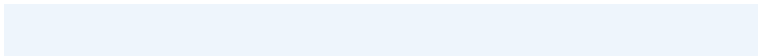
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



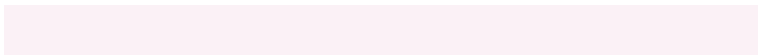
90.2970, 0.3209, 0.3359



90.2970, 0.3087, 0.3331



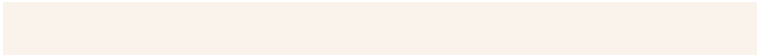
90.2970, 0.3046, 0.3221



90.2970, 0.3167, 0.3249

Rectangle

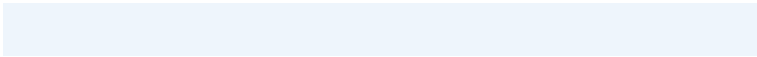
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.2970, 0.3209, 0.3359



90.2970, 0.3149, 0.3367



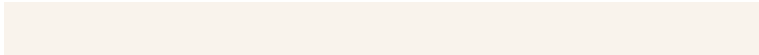
90.2970, 0.3046, 0.3221



90.2970, 0.3105, 0.3215

Sweetspot

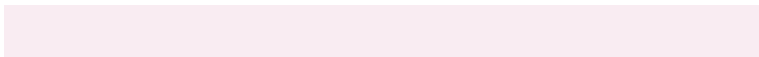
The Sweet Spot groups the original color and five complimentary colors.



90.3009, 0.3209, 0.3359



98.1776, 0.3158, 0.3316



86.5659, 0.3176, 0.3230



21.0332, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

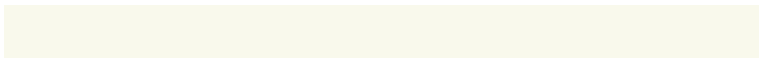
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3009, 0.3209, 0.3359



94.6141, 0.3222, 0.3370



93.8820, 0.3202, 0.3418



19.2719, 0.3232, 0.3378



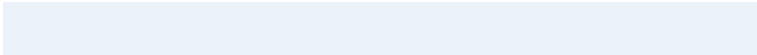
20.1424, 0.5302, 0.4172



2.0777, 0.5133, 0.4306

Inverse Universe

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



88.2092, 0.3047, 0.3220



92.0848, 0.3035, 0.3209



84.7595, 0.3051, 0.3159



18.7008, 0.3025, 0.3200



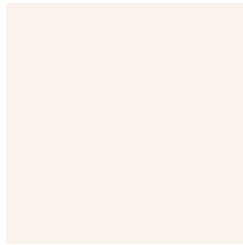
10.5457, 0.1738, 0.1455



1.1864, 0.1800, 0.1680

Previews

White Background



This preview shows how the Yxy color 90.2970, 0.3209, 0.3359 looks on a white background.

Color Contrast Check

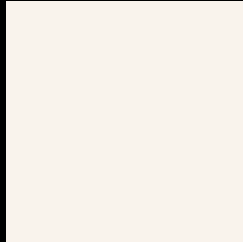
Large Text (above 18pt) WCAG AA × Fail

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 90.2970, 0.3209, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

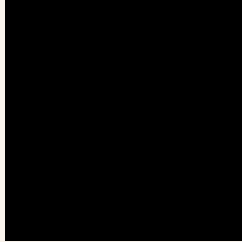
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

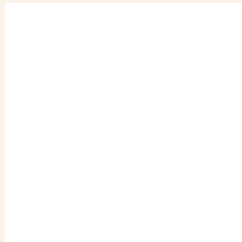
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.2970, 0.3209, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 90.2970, 0.3209, 0.3359.

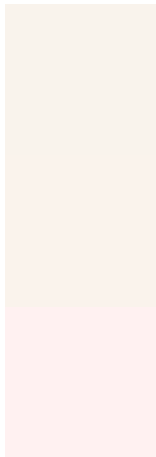


This preview shows how white text looks on a background with the Yxy color 90.2970, 0.3209, 0.3359.

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

90.2970, 0.3209, 0.3359

Protanopia

90.4813, 0.3216, 0.3359

Deuteranopia

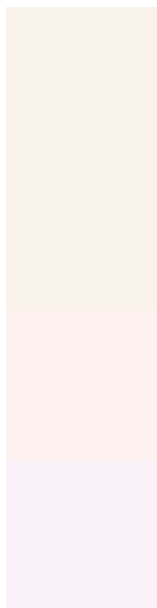
90.5215, 0.3219, 0.3290



Tritanopia

90.4546, 0.3101, 0.3154

Trichromacy



Original Color

90.2970, 0.3209, 0.3359

Protanomaly

90.4813, 0.3216, 0.3359

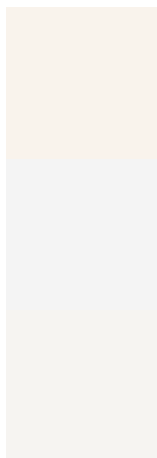
Deuteranomaly

90.6189, 0.3218, 0.3320

Tritanomaly

90.6056, 0.3143, 0.3232

Monochromacy



Original Color

90.2970, 0.3209, 0.3359

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6451, 0.3158, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2970, 0.3209, 0.3359 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, 243, 236)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 236)  
}
```

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, 243, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 236) }
```

Border

The CSS property to change the border of an element to Yxy 90.2970, 0.3209, 0.3359 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, 243, 236) }
```

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

```
.border{ border-color:rgb(249, 243, 236) }
```

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

Here you see how a box with a 4 pixel rgb(249, 243, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2970, 0.3209, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 236) }
```

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

```
.background{ background-color: rgb(249,  
243, 236) }
```

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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