

Converting Colors

$Yxy(90.6861, 0.3193, 0.3342)$

Have a look what the booklet for
Yxy(90.6861, 0.3193, 0.3342)
contains.

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Color

Yxy(91.0142, 0.3196, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	F9F4EE
RGB	249, 244, 238
RGB Percent	98%, 96%, 93%
CMY	0.0235, 0.0431, 0.0666
CMYK	0.00, 0.02, 0.04, 0.02
HSL	33°, 48%, 95%
HSV	33°, 4%, 98%
XYZ	86.8562, 91.0142, 93.8949
YIQ	244.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

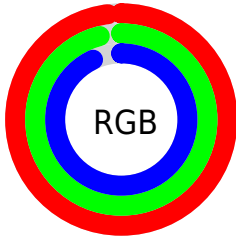
Format	Color
R_{YB}	247, 249, 238
Decimal	16381166
CIE Lab	96.42, 0.65, 3.45
CIE LCh	96, 3.515, 79.303
Yxy	91.0142, 0.3196, 0.3349
Android (android.graphics.Color)	4294571246 (0xFF9F4EE)
YUV	244.8110, -3.3578, 3.6738
Hunter-Lab	95.4014, -4.4408, 8.4272

Details

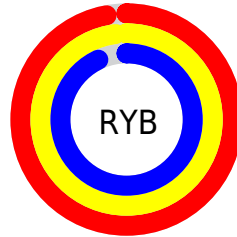
The Yxy color **91.0142, 0.3196, 0.3349** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.1451, 0.3059, 0.3230**, and the grayscale version is **91.1803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6813, 0.3215, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **83.0267, 0.3367, 0.3489**, and if you desaturate by 10%, it is **98.8824, 0.3090, 0.3290**.

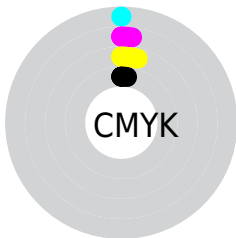
Distribution



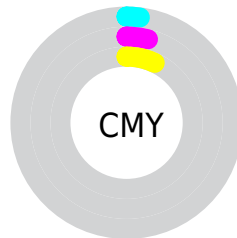
- Red (98%)
- Green (96%)
- Blue (93%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0142, 0.3196, 0.3349 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 91.0142, 0.3196, 0.3349 by changing the saturation by 10% instead.


 91.0142, 0.3196,
0.3349

 91.0142, 0.3196,
0.3349

531.3245, 0.3165,
0.3323

 68.8221, 0.3203,
0.3355


148.7464, 0.3186,
0.3340

 50.5669, 0.3211,
0.3362


185.0552, 0.3181,
0.3337

 35.8640, 0.3221,
0.3370


226.8385, 0.3178,
0.3334

 24.3292, 0.3234,
0.3381


274.4806, 0.3175,
0.3331

 15.5780, 0.3251,
0.3396

328.3658, 0.3172,
0.3329

 9.2260, 0.3275,
0.3416

388.8786, 0.3170,

 4.8889, 0.3310,

0.3326

456.4034, 0.3167,
0.3325

0.3445

■ 2.1822, 0.3367,
0.3493

■ 0.7103, 0.3575,
0.3674

■ 91.0142, 0.3196,
0.3349

■ 91.0142, 0.3196,
0.3349

■ 83.0267, 0.3367,
0.3489

■ 98.8824, 0.3090,
0.3290

■ 75.6433, 0.3560,
0.3634

■ 68.8514, 0.3776,
0.3782

■ 62.6336, 0.4012,
0.3925

■ 56.9712, 0.4264,
0.4055

■ 51.8445, 0.4523,
0.4161

■ 47.2316, 0.4776,
0.4229

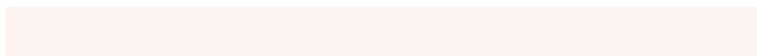
■ 43.1086, 0.5010,
0.4247

■ 39.4477, 0.5207,
0.4210

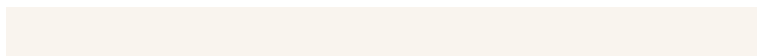
Harmonies

Analogous

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



91.0142, 0.3204, 0.3324



91.0142, 0.3196, 0.3349



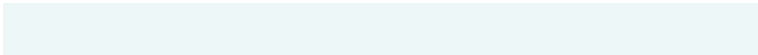
91.0142, 0.3169, 0.3358

Triad

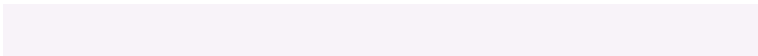
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0142, 0.3196, 0.3349



91.0142, 0.3063, 0.3290



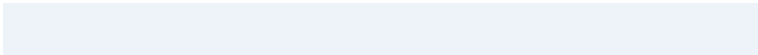
91.0142, 0.3123, 0.3232

Complementary

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



91.0142, 0.3196, 0.3349



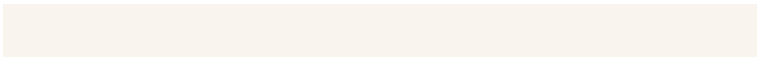
89.1451, 0.3059, 0.3230

Split Complementary

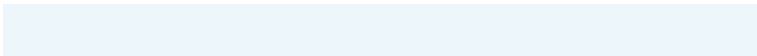
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0142, 0.3085, 0.3223



91.0142, 0.3196, 0.3349



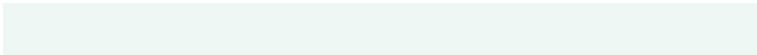
91.0142, 0.3051, 0.3256

Square

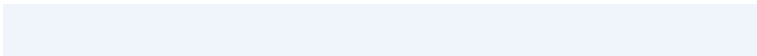
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



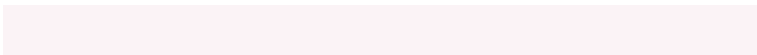
91.0142, 0.3196, 0.3349



91.0142, 0.3093, 0.3324



91.0142, 0.3059, 0.3231



91.0142, 0.3162, 0.3256

Rectangle

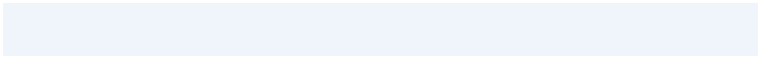
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



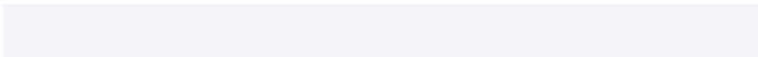
91.0142, 0.3196, 0.3349



91.0142, 0.3145, 0.3355



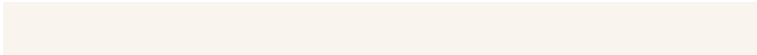
91.0142, 0.3059, 0.3231



91.0142, 0.3110, 0.3227

Sweetspot

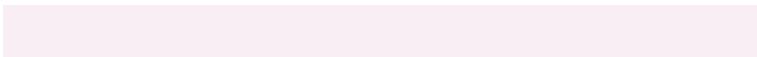
The Sweet Spot groups the original color and five complimentary colors.



91.0181, 0.3196, 0.3349



99.0968, 0.3142, 0.3303



87.7851, 0.3168, 0.3240



21.2203, 0.3142, 0.3303



0.0000, 0.0000, 0.0000



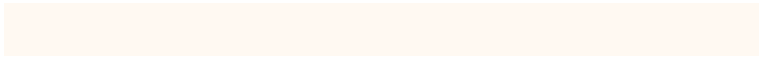
21.4041, 0.3127, 0.3290

Same Dimension

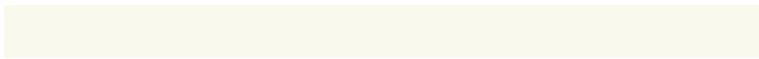
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0181, 0.3196, 0.3349



95.5506, 0.3206, 0.3357



94.0098, 0.3190, 0.3398



19.4551, 0.3217, 0.3367



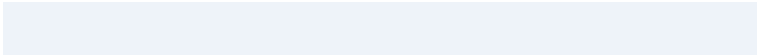
20.4042, 0.5281, 0.4189



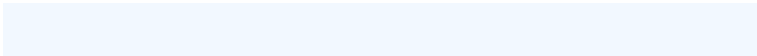
2.1018, 0.5115, 0.4320

Inverse Universe

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



89.1451, 0.3059, 0.3230



93.3173, 0.3050, 0.3222



86.2475, 0.3063, 0.3180



18.9367, 0.3039, 0.3212



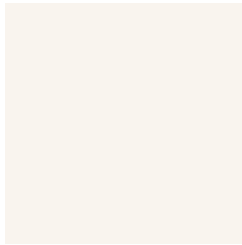
10.3306, 0.1731, 0.1432



1.1658, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 91.0142, 0.3196, 0.3349 looks on a white background.

Color Contrast Check

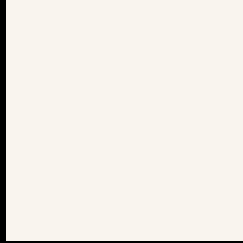
Large Text (above 18pt) WCAG AA × Fail

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 91.0142, 0.3196, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

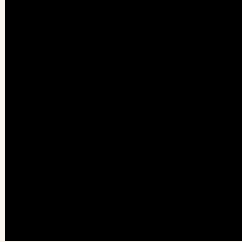
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

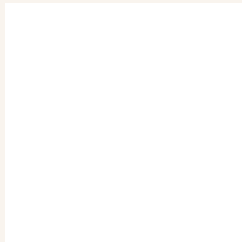
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0142, 0.3196, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 91.0142, 0.3196, 0.3349.

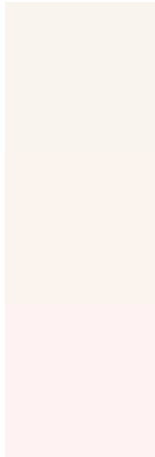


This preview shows how white text looks on a background with the Yxy color 91.0142, 0.3196, 0.3349.

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

91.0142, 0.3196, 0.3349

Protanopia

91.3836, 0.3209, 0.3349

Deuteranopia

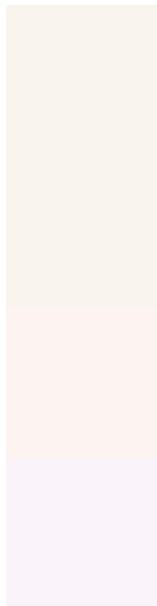
91.2353, 0.3206, 0.3281



Tritanopia

91.0483, 0.3101, 0.3164

Trichromacy



Original Color

91.0142, 0.3196, 0.3349

Protanomaly

91.1984, 0.3203, 0.3349

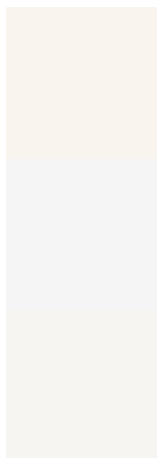
Deuteranomaly

91.3347, 0.3205, 0.3310

Tritanomaly

91.2647, 0.3136, 0.3232

Monochromacy



Original Color

91.0142, 0.3196, 0.3349

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3085, 0.3152, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0142, 0.3196, 0.3349 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, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 238)  
}
```

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, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 238) }
```

Border

The CSS property to change the border of an element to Yxy 91.0142, 0.3196, 0.3349 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, 244, 238) }
```

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

```
.border{ border-color:rgb(249, 244, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 244, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0142, 0.3196, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 238) }
```

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

```
.background{ background-color: rgb(249,  
244, 238) }
```

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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