

Converting Colors

$Yxy(91.0953, 0.3232, 0.3408)$

Have a look what the booklet for
Yxy(91.0953, 0.3232, 0.3408)
contains.

Yxy(91.3277, 0.3226, 0.3409)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.3277, 0.3226, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	F9F5E9
RGB	249, 245, 233
RGB Percent	98%, 96%, 91%
CMY	0.0235, 0.0392, 0.0863
CMYK	0.00, 0.02, 0.06, 0.02
HSL	45°, 57%, 95%
HSV	45°, 6%, 98%
XYZ	86.4251, 91.3277, 90.1489
YIQ	244.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

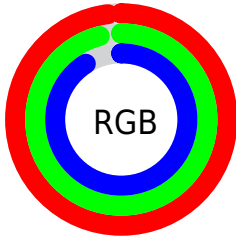
Format	Color
R_{YB}	238, 249, 233
Decimal	16381417
CIE _{Lab}	96.54, -0.71, 6.24
CIE _{LCh}	97, 6.282, 96.465
Yxy	91.3277, 0.3226, 0.3409
Android (android.graphics.Color)	4294571497 (0xFF9F5E9)
YUV	244.8280, -5.8312, 3.6588
Hunter-Lab	95.5655, -5.8124, 10.9664

Details

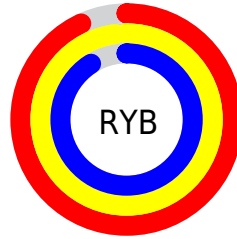
The Yxy color 91.3277, 0.3226, 0.3409 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.7147, 0.3028, 0.3168, and the grayscale version is 91.2109, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.9070, 0.3254, 0.3442 is the 20% darker color. If you saturate the color by 10%, you get 86.3140, 0.3391, 0.3601, and if you desaturate by 10%, it is 96.4891, 0.3091, 0.3253.

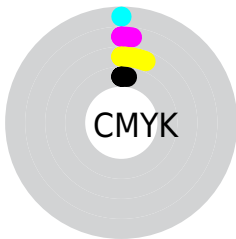
Distribution



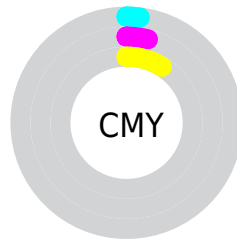
- Red (98%)
- Green (96%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3277, 0.3226, 0.3409 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 91.3277, 0.3226, 0.3409 by changing the saturation by 10% instead.

 91.3277, 0.3226,
0.3409

 91.3277, 0.3226,
0.3409

532.3404, 0.3182,
0.3356

 69.0824, 0.3236,
0.3421

149.1813, 0.3211,
0.3391

 50.7788, 0.3247,
0.3435

185.5583, 0.3205,
0.3384

 36.0326, 0.3262,
0.3452


227.4146, 0.3200,
0.3378

 24.4594, 0.3280,
0.3475

275.1347, 0.3196,
0.3372

 15.6747, 0.3305,
0.3504

329.1030, 0.3192,
0.3368

 9.2943, 0.3338,
0.3545

389.7037, 0.3188,

 4.9336, 0.3388,

0.3363

457.3214, 0.3185,
0.3360

0.3606

2.2084, 0.3467,
0.3703

0.7246, 0.3840,
0.4144

91.3277, 0.3226,
0.3409

91.3277, 0.3226,
0.3409

86.3140, 0.3391,
0.3601

96.4891, 0.3091,
0.3253

81.6136, 0.3567,
0.3798

98.8800, 0.3090,
0.3290

77.2203, 0.3753,
0.3994

73.1231, 0.3943,
0.4181

■ 69.3102, 0.4131,
0.4349

■ 65.7687, 0.4308,
0.4487

■ 62.4840, 0.4466,
0.4584

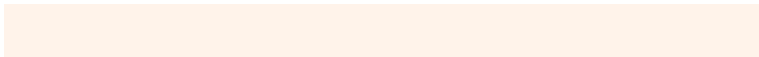
■ 59.4393, 0.4596,
0.4635

■ 56.6137, 0.4696,
0.4636

Harmonies

Analogous

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



91.3277, 0.3261, 0.3378



91.3277, 0.3226, 0.3409



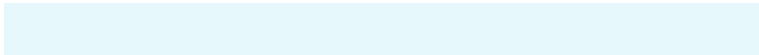
91.3277, 0.3165, 0.3408

Triad

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



91.3277, 0.3226, 0.3409



91.3277, 0.2996, 0.3253



91.3277, 0.3160, 0.3209

Complementary

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



91.3277, 0.3226, 0.3409



84.7147, 0.3028, 0.3168

Split Complementary

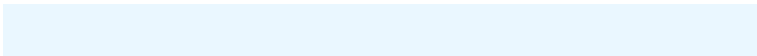
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3277, 0.3089, 0.3176



91.3277, 0.3226, 0.3409



91.3277, 0.2995, 0.3201

Square

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



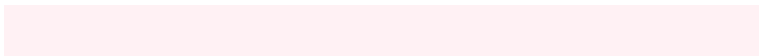
91.3277, 0.3226, 0.3409



91.3277, 0.3032, 0.3317



91.3277, 0.3029, 0.3173



91.3277, 0.3223, 0.3263

Rectangle

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



91.3277, 0.3226, 0.3409



91.3277, 0.3117, 0.3388



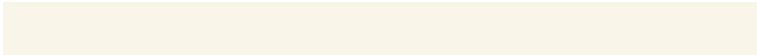
91.3277, 0.3029, 0.3173



91.3277, 0.3136, 0.3195

Sweetspot

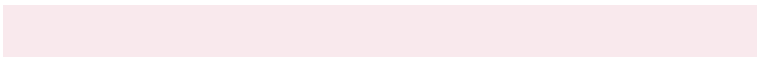
The Sweet Spot groups the original color and five complimentary colors.



91.3317, 0.3226, 0.3409



98.8673, 0.3157, 0.3327



84.5213, 0.3211, 0.3250



21.1736, 0.3156, 0.3325



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

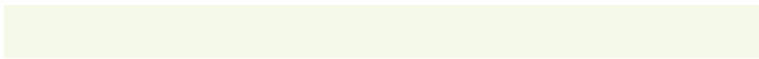
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3317, 0.3226, 0.3409



95.5529, 0.3251, 0.3439



93.0464, 0.3197, 0.3449



19.4148, 0.3275, 0.3467



30.0241, 0.4716, 0.4637



2.9479, 0.4640, 0.4698

Inverse Universe

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



84.7147, 0.3028, 0.3168



86.9496, 0.3003, 0.3137



83.1096, 0.3055, 0.3129



17.3460, 0.2979, 0.3107



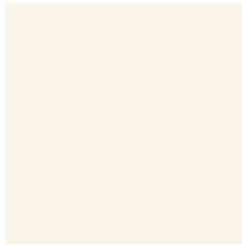
5.6977, 0.1579, 0.0885



0.6881, 0.1640, 0.1104

Previews

White Background



This preview shows how the Yxy color 91.3277, 0.3226, 0.3409 looks on a white background.

Color Contrast Check

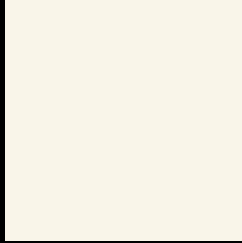
Large Text (above 18pt) WCAG AA × Fail

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 91.3277, 0.3226, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

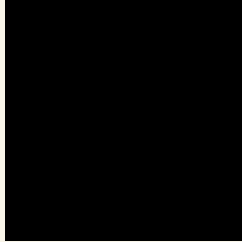
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3277, 0.3226, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 91.3277, 0.3226, 0.3409.

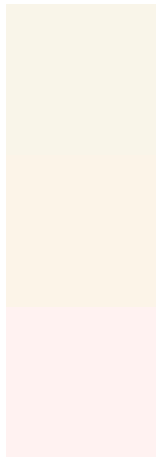


This preview shows how white text looks on a background with the Yxy color 91.3277, 0.3226, 0.3409.

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

91.3277, 0.3226, 0.3409

Protanopia

91.2230, 0.3253, 0.3408

Deuteranopia

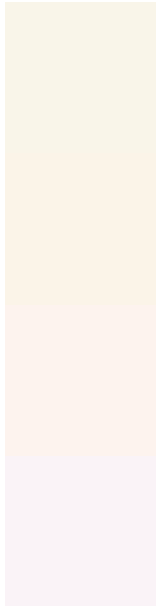
91.1151, 0.3219, 0.3300



Tritanopia

91.0483, 0.3101, 0.3164

Trichromacy



Original Color

91.3277, 0.3226, 0.3409

Protanomaly

91.0368, 0.3246, 0.3409

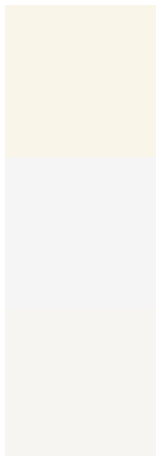
Deuteranomaly

91.1569, 0.3223, 0.3339

Tritanomaly

91.1406, 0.3148, 0.3251

Monochromacy



Original Color

91.3277, 0.3226, 0.3409

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.2485, 0.3158, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3277, 0.3226, 0.3409 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, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 233)  
}
```

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, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 233) }
```

Border

The CSS property to change the border of an element to Yxy 91.3277, 0.3226, 0.3409 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, 245, 233) }
```

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

```
.border{ border-color:rgb(249, 245, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3277, 0.3226, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 233) }
```

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

```
.background{ background-color: rgb(249,  
245, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor