

Converting Colors

$Yxy(90.9353, 0.3208, 0.3408)$

Have a look what the booklet for
Yxy(90.9353, 0.3208, 0.3408)
contains.

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Color

Yxy(90.9622, 0.3213, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5E9
RGB	247, 245, 233
RGB Percent	97%, 96%, 91%
CMY	0.0312, 0.0393, 0.0862
CMYK	0.00, 0.01, 0.06, 0.03
HSL	51°, 47%, 94%
HSV	51°, 6%, 97%
XYZ	85.7323, 90.9622, 90.1350
YIQ	244.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

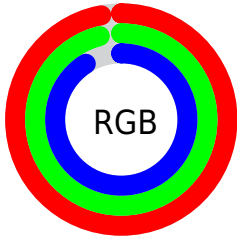
Format	Color
R _Y B	235, 247, 233
Decimal	16250345
CIE Lab	96.39, -1.36, 5.99
CIE LCh	96, 6.144, 102.759
Yxy	90.9622, 0.3213, 0.3409
Android (android.graphics.Color)	4294440425 (0xFFFF7F5E9)
YUV	244.2300, -5.5364, 2.4293
Hunter-Lab	95.3741, -6.4500, 10.7288

Details

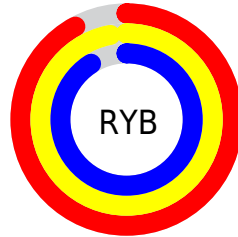
The Yxy color **90.9622, 0.3213, 0.3409** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5012, 0.3040, 0.3168**, and the grayscale version is **90.7110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6459, 0.3237, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **87.4779, 0.3372, 0.3625**, and if you desaturate by 10%, it is **94.5191, 0.3080, 0.3228**.

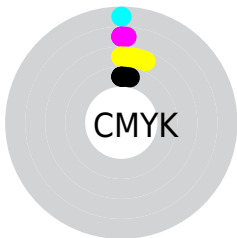
Distribution



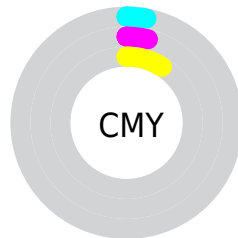
- Red (97%)
- Green (96%)
- Blue (91%)



- Red (92%)
- Yellow (97%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.9622, 0.3213, 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 90.9622, 0.3213, 0.3409 by changing the saturation by 10% instead.


 90.9622, 0.3213,
0.3409

 90.9622, 0.3213,
0.3409


531.1559, 0.3175,
0.3356

 68.7790, 0.3221,
0.3421


148.6742, 0.3200,
0.3391

 50.5317, 0.3232,
0.3435


184.9718, 0.3195,
0.3384

 35.8361, 0.3244,
0.3453


226.7429, 0.3191,
0.3378

 24.3076, 0.3260,
0.3475

274.3720, 0.3187,
0.3372

 15.5620, 0.3281,
0.3505

328.2435, 0.3183,
0.3367

 9.2147, 0.3310,
0.3547

388.7417, 0.3180,

 4.8815, 0.3353,

0.3363

0.3608

456.2510, 0.3177,
0.3359

■ 2.1779, 0.3422,
0.3707

■ 0.7079, 0.3764,
0.4166

■ 90.9622, 0.3213,
0.3409

■ 90.9622, 0.3213,
0.3409

■ 87.4779, 0.3372,
0.3625

■ 94.5191, 0.3080,
0.3228

■ 84.2219, 0.3538,
0.3846

■ 96.7790, 0.3079,
0.3263

■ 81.1893, 0.3708,
0.4064

■ 98.5237, 0.3078,
0.3290

■ 78.3704, 0.3876,
0.4271

■ 75.7546, 0.4036,
0.4457

■ 73.3303, 0.4180,
0.4612

■ 71.0845, 0.4302,
0.4728

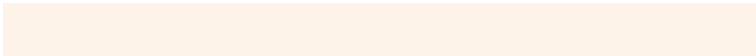
■ 69.0018, 0.4396,
0.4797

■ 67.0635, 0.4462,
0.4821

Harmonies

Analogous

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



90.9622, 0.3254, 0.3385



90.9622, 0.3213, 0.3409



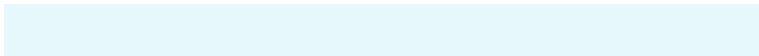
90.9622, 0.3149, 0.3401

Triad

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



90.9622, 0.3213, 0.3409



90.9622, 0.2996, 0.3242



90.9622, 0.3173, 0.3220

Complementary

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



90.9622, 0.3213, 0.3409



83.5012, 0.3040, 0.3168

Split Complementary

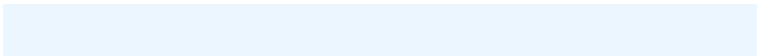
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9622, 0.3104, 0.3183



90.9622, 0.3213, 0.3409



90.9622, 0.3002, 0.3194

Square

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



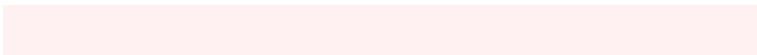
90.9622, 0.3213, 0.3409



90.9622, 0.3024, 0.3303



90.9622, 0.3041, 0.3173



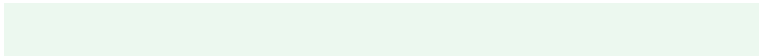
90.9622, 0.3231, 0.3276

Rectangle

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



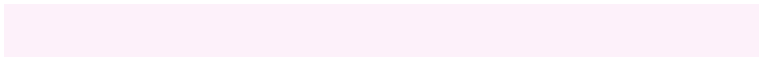
90.9622, 0.3213, 0.3409



90.9622, 0.3103, 0.3377



90.9622, 0.3041, 0.3173



90.9622, 0.3151, 0.3205

Sweetspot

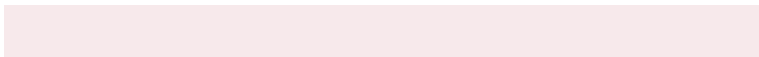
The Sweet Spot groups the original color and five complimentary colors.



90.9662, 0.3213, 0.3409



99.1989, 0.3157, 0.3332



84.0714, 0.3209, 0.3269



21.2411, 0.3156, 0.3330



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.



90.9662, 0.3213, 0.3409



97.2421, 0.3234, 0.3437



91.3387, 0.3179, 0.3430



19.0158, 0.3242, 0.3450



35.1903, 0.4478, 0.4826



3.2035, 0.4437, 0.4859

Inverse Universe

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



83.5012, 0.3040, 0.3168



87.4359, 0.3019, 0.3138



83.1655, 0.3073, 0.3148



16.9448, 0.3010, 0.3125



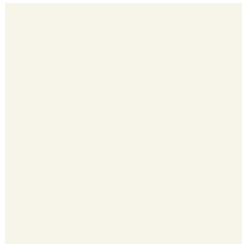
4.3509, 0.1533, 0.0719



0.4991, 0.1585, 0.0905

Previews

White Background



This preview shows how the Yxy color 90.9622, 0.3213, 0.3409 looks on a white background.

Color Contrast Check

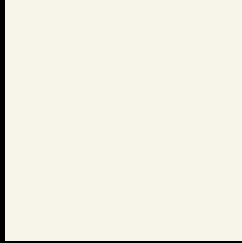
Large Text (above 18pt) WCAG AA × Fail

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 90.9622, 0.3213, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

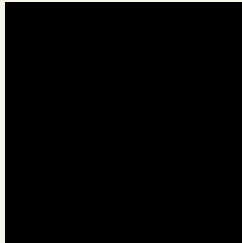
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

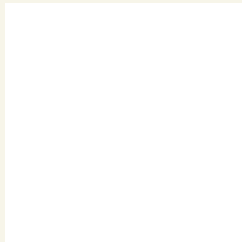
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.9622, 0.3213, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 90.9622, 0.3213, 0.3409.

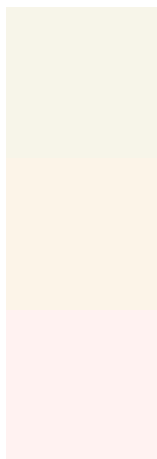


This preview shows how white text looks on a background with the Yxy color 90.9622, 0.3213, 0.3409.

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

90.9622, 0.3213, 0.3409

Protanopia

91.2230, 0.3253, 0.3408

Deuteranopia

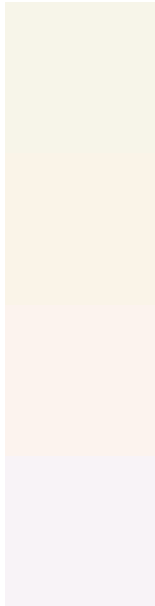
91.1151, 0.3219, 0.3300



Tritanopia

90.8640, 0.3094, 0.3164

Trichromacy



Original Color

90.9622, 0.3213, 0.3409

Protanomaly

90.8516, 0.3240, 0.3409

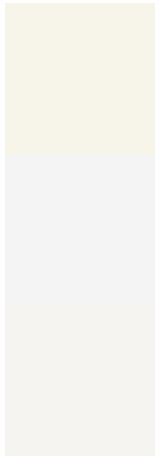
Deuteranomaly

90.9697, 0.3217, 0.3339

Tritanomaly

90.7730, 0.3135, 0.3251

Monochromacy



Original Color

90.9622, 0.3213, 0.3409

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.4051, 0.3158, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9622, 0.3213, 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(247, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 233) }
```

Border

The CSS property to change the border of an element to Yxy 90.9622, 0.3213, 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(247, 245, 233) }
```

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

```
.border{ border-color:rgb(247, 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(247, 245, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9622, 0.3213, 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(247, 245, 233) }
```

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

```
.background{ background-color: rgb(247,  
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](#).

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