

Converting Colors

$Yxy(89.3113, 0.3217, 0.3421)$

Have a look what the booklet for
Yxy(89.3113, 0.3217, 0.3421)
contains.

Yxy(89.2268, 0.3220, 0.3420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(89.2268, 0.3220, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3E6
RGB	245, 243, 230
RGB Percent	96%, 95%, 90%
CMY	0.0389, 0.0471, 0.0980
CMYK	0.00, 0.01, 0.06, 0.04
HSL	52°, 43%, 93%
HSV	52°, 6%, 96%
XYZ	84.0089, 89.2268, 87.6614
YIQ	242.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

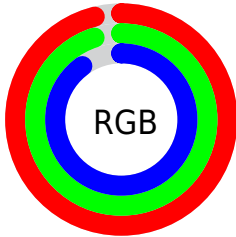
Format	Color
R _Y B	232, 245, 230
Decimal	16118758
CIE Lab	95.68, -1.52, 6.49
CIE LCh	96, 6.661, 103.152
Yxy	89.2268, 0.3220, 0.3420
Android (android.graphics.Color)	4294308838 (0xFFFF5F3E6)
YUV	242.1160, -5.9732, 2.5293
Hunter-Lab	94.4599, -6.5542, 11.0992

Details

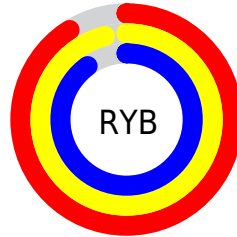
The Yxy color 89.2268, 0.3220, 0.3420 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.1885, 0.3033, 0.3157, and the grayscale version is 88.9448, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.4546, 0.3238, 0.3444 is the 20% darker color. If you saturate the color by 10%, you get 85.9339, 0.3379, 0.3638, and if you desaturate by 10%, it is 92.7587, 0.3071, 0.3211.

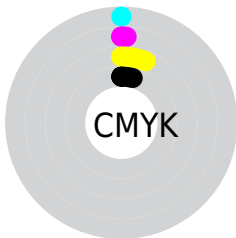
Distribution



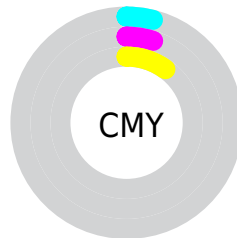
- Red (96%)
- Green (95%)
- Blue (90%)



- Red (91%)
- Yellow (96%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (4%)




- Cyan (4%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2268, 0.3220, 0.3420 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 89.2268, 0.3220, 0.3420 by changing the saturation by 10% instead.

 89.2268, 0.3220,
0.3420

 89.2268, 0.3220,
0.3420

525.5124, 0.3179,
0.3362

 67.3395, 0.3229,
0.3433

146.2639, 0.3206,
0.3400

 49.3606, 0.3240,
0.3449


182.1826, 0.3200,
0.3392

 34.9056, 0.3254,
0.3468


223.5471, 0.3196,
0.3386

 23.5902, 0.3271,
0.3493

270.7420, 0.3191,
0.3380

 15.0299, 0.3295,
0.3526

324.1516, 0.3188,
0.3374

 8.8404, 0.3327,
0.3573

384.1602, 0.3184,

 4.6372, 0.3374,

0.3370

0.3641

451.1524, 0.3181,
0.3366

■ 2.0360, 0.3450,
0.3753

■ 0.6283, 0.3947,
0.4427

■ 89.2268, 0.3220,
0.3420

■ 89.2268, 0.3220,
0.3420

■ 85.9339, 0.3379,
0.3638

■ 92.7587, 0.3071,
0.3211

■ 82.8601, 0.3544,
0.3861

■ 94.8806, 0.3067,
0.3239

■ 80.0005, 0.3713,
0.4080

■ 97.0093, 0.3067,
0.3272

■ 77.3457, 0.3879,
0.4288

■ 98.1656, 0.3066,
0.3290

■ 74.8852, 0.4036,
0.4474

■ 72.6078, 0.4177,
0.4629

■ 70.5005, 0.4295,
0.4743

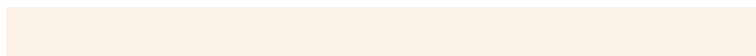
■ 68.5482, 0.4385,
0.4811

■ 66.7324, 0.4447,
0.4835

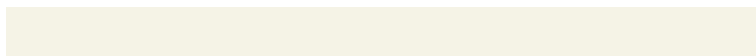
Harmonies

Analogous

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



89.2268, 0.3265, 0.3394



89.2268, 0.3220, 0.3420



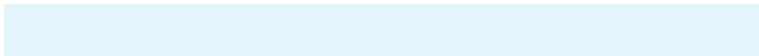
89.2268, 0.3150, 0.3410

Triad

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



89.2268, 0.3220, 0.3420



89.2268, 0.2984, 0.3236



89.2268, 0.3179, 0.3215

Complementary

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



89.2268, 0.3220, 0.3420



81.1885, 0.3033, 0.3157

Split Complementary

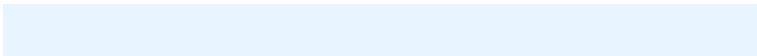
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2268, 0.3103, 0.3174



89.2268, 0.3220, 0.3420



89.2268, 0.2991, 0.3185

Square

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



89.2268, 0.3220, 0.3420



89.2268, 0.3014, 0.3303



89.2268, 0.3034, 0.3162



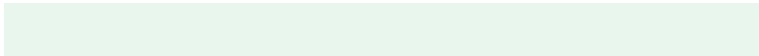
89.2268, 0.3241, 0.3276

Rectangle

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



89.2268, 0.3220, 0.3420



89.2268, 0.3100, 0.3385



89.2268, 0.3034, 0.3162



89.2268, 0.3154, 0.3198

Sweetspot

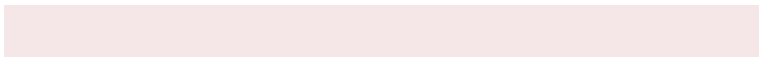
The Sweet Spot groups the original color and five complimentary colors.



89.2307, 0.3220, 0.3420



99.2255, 0.3157, 0.3332



81.8644, 0.3216, 0.3267



21.2465, 0.3156, 0.3330



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

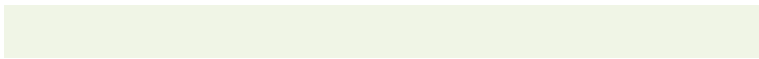
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2307, 0.3220, 0.3420



97.3340, 0.3233, 0.3439



89.5528, 0.3184, 0.3442



19.0353, 0.3242, 0.3451



35.7163, 0.4461, 0.4840



3.2448, 0.4422, 0.4871

Inverse Universe

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



81.1885, 0.3033, 0.3157



87.3501, 0.3019, 0.3137



80.9044, 0.3068, 0.3137



16.9268, 0.3010, 0.3124



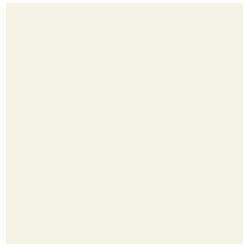
4.2821, 0.1530, 0.0709



0.4887, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 89.2268, 0.3220, 0.3420 looks on a white background.

Color Contrast Check

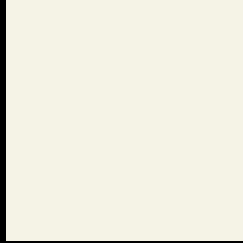
Large Text (above 18pt) WCAG AA × Fail

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 89.2268, 0.3220, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

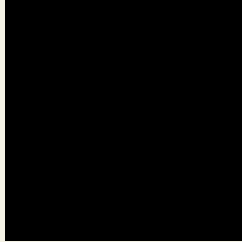
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

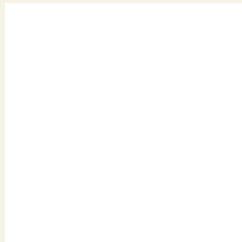
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2268, 0.3220, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 89.2268, 0.3220, 0.3420.

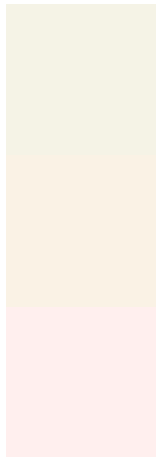


This preview shows how white text looks on a background with the Yxy color 89.2268, 0.3220, 0.3420.

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

89.2268, 0.3220, 0.3420

Protanopia

89.4854, 0.3260, 0.3419

Deuteranopia

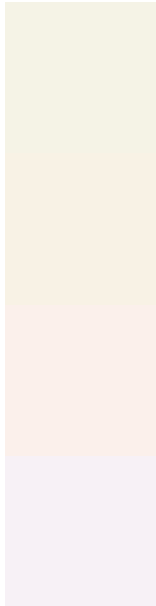
89.1661, 0.3240, 0.3300



Tritanopia

89.4966, 0.3089, 0.3144

Trichromacy



Original Color

89.2268, 0.3220, 0.3420

Protanomaly

89.1179, 0.3247, 0.3420

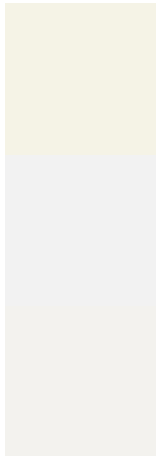
Deuteranomaly

88.8276, 0.3231, 0.3340

Tritanomaly

89.3386, 0.3136, 0.3241

Monochromacy



Original Color

89.2268, 0.3220, 0.3420

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7320, 0.3158, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2268, 0.3220, 0.3420 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(245, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 230)  
}
```

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(245, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 230) }
```

Border

The CSS property to change the border of an element to Yxy 89.2268, 0.3220, 0.3420 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(245, 243, 230) }
```

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

```
.border{ border-color:rgb(245, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2268, 0.3220, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 230) }
```

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

```
.background{ background-color: rgb(245,  
243, 230) }
```

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