

Converting Colors

Yxy(88.6508, 0.3215, 0.3324)

Have a look what the booklet for
Yxy(88.6508, 0.3215, 0.3324)
contains.

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Color

Yxy(88.7003, 0.3218, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	FAF0EC
RGB	250, 240, 236
RGB Percent	98%, 94%, 93%
CMY	0.0197, 0.0588, 0.0746
CMYK	0.00, 0.04, 0.06, 0.02
HSL	17°, 58%, 95%
HSV	17°, 6%, 98%
XYZ	85.7170, 88.7003, 91.9500
YIQ	242.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

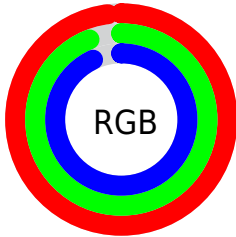
Format	Color
R _Y B	250, 242, 236
Decimal	16445676
CIE Lab	95.46, 2.66, 3.12
CIE LCh	95, 4.103, 49.522
Yxy	88.7003, 0.3218, 0.3330
Android (android.graphics.Color)	4294635756 (0xFFFAF0EC)
YUV	242.5340, -3.2213, 6.5477
Hunter-Lab	94.1808, -2.3579, 8.0410

Details

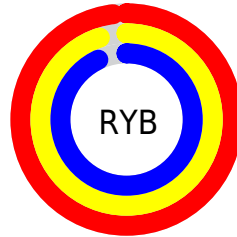
The Yxy color **88.7003, 0.3218, 0.3330** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.6139, 0.3040, 0.3250**, and the grayscale version is **89.2598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0456, 0.3244, 0.3341** is the 20% darker color. If you saturate the color by 10%, you get **77.3774, 0.3404, 0.3406**, and if you desaturate by 10%, it is **99.0599, 0.3096, 0.3290**.

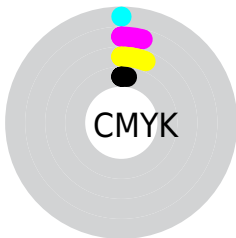
Distribution



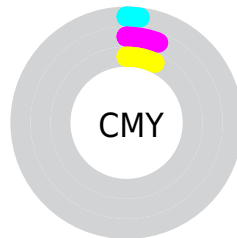
- Red (98%)
- Green (94%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7003, 0.3218, 0.3330 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 88.7003, 0.3218, 0.3330 by changing the saturation by 10% instead.

 88.7003, 0.3218,
0.3330

 88.7003, 0.3218,
0.3330

523.7939, 0.3177,
0.3312

 66.9032, 0.3227,
0.3334


145.5317, 0.3204,
0.3324

 49.0060, 0.3238,
0.3339


181.3348, 0.3199,
0.3322

 34.6242, 0.3252,
0.3344


222.5754, 0.3194,
0.3320

 23.3735, 0.3269,
0.3352

269.6378, 0.3190,
0.3318

 14.8696, 0.3292,
0.3362

322.9065, 0.3186,
0.3316

 8.7279, 0.3325,
0.3375

382.7658, 0.3183,

 4.5641, 0.3373,

0.3315

0.3394

449.6001, 0.3180,
0.3314

■ 1.9939, 0.3452,
0.3426

■ 0.6039, 0.3799,
0.3590

■ 88.7003, 0.3218,
0.3330

■ 88.7003, 0.3218,
0.3330

■ 77.3774, 0.3404,
0.3406

■ 99.0599, 0.3096,
0.3290

■ 67.2445, 0.3626,
0.3485

■ 58.2658, 0.3888,
0.3566

■ 50.3992, 0.4192,
0.3642

■ 43.5998, 0.4537,
0.3708

■ 37.8199, 0.4911,
0.3751

■ 33.0074, 0.5290,
0.3760

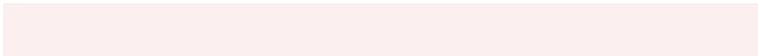
■ 29.1055, 0.5640,
0.3725

■ 26.0497, 0.5921,
0.3644

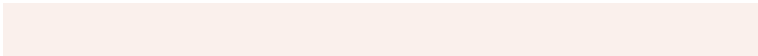
Harmonies

Analogous

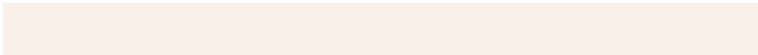
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7003, 0.3203, 0.3290



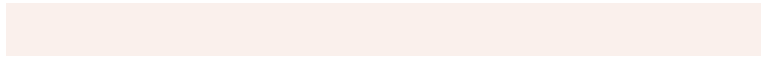
88.7003, 0.3218, 0.3330



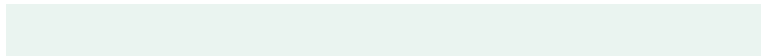
88.7003, 0.3208, 0.3360

Triad

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



88.7003, 0.3218, 0.3330



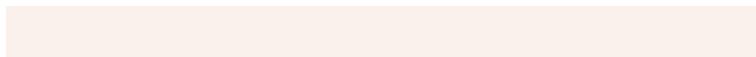
88.7003, 0.3086, 0.3330



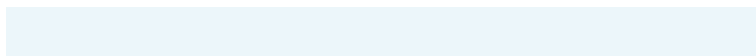
88.7003, 0.3078, 0.3211

Complementary

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



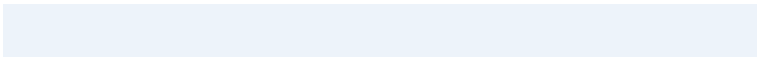
88.7003, 0.3218, 0.3330



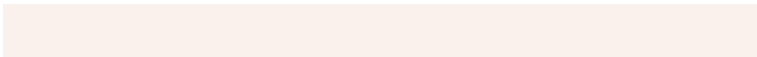
90.6139, 0.3040, 0.3250

Split Complementary

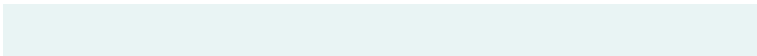
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7003, 0.3047, 0.3221



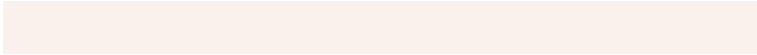
88.7003, 0.3218, 0.3330



88.7003, 0.3052, 0.3289

Square

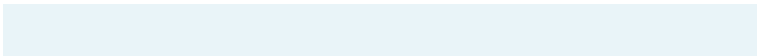
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7003, 0.3218, 0.3330



88.7003, 0.3132, 0.3360



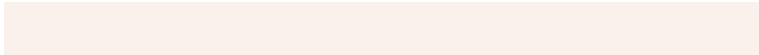
88.7003, 0.3037, 0.3249



88.7003, 0.3122, 0.3222

Rectangle

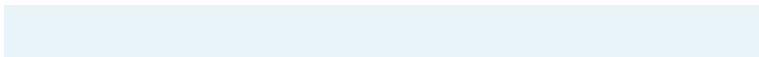
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7003, 0.3218, 0.3330



88.7003, 0.3189, 0.3369



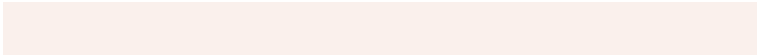
88.7003, 0.3037, 0.3249



88.7003, 0.3066, 0.3212

Sweetspot

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



88.7042, 0.3218, 0.3330



97.3802, 0.3159, 0.3304



86.9589, 0.3158, 0.3192



20.8709, 0.3157, 0.3303



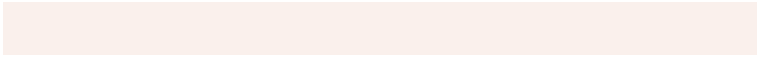
0.0000, 0.0000, 0.0000



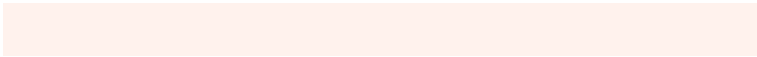
21.4041, 0.3127, 0.3290

Same Dimension

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



88.7042, 0.3218, 0.3330



91.0585, 0.3242, 0.3340



92.8644, 0.3212, 0.3398



18.5100, 0.3253, 0.3345



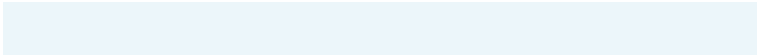
13.4475, 0.5993, 0.3623



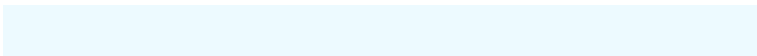
1.4186, 0.5762, 0.3807

Inverse Universe

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



90.6139, 0.3040, 0.3250



93.5364, 0.3019, 0.3239



86.4761, 0.3042, 0.3180



19.0582, 0.3009, 0.3235



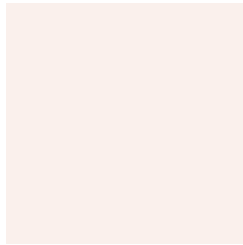
20.8201, 0.1979, 0.2323



2.1098, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 88.7003, 0.3218, 0.3330 looks on a white background.

Color Contrast Check

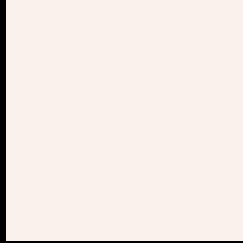
Large Text (above 18pt) WCAG AA × Fail

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 88.7003, 0.3218, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

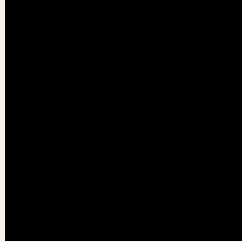
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

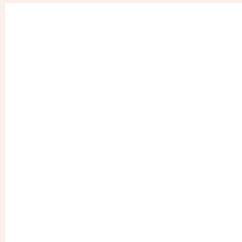
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7003, 0.3218, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 88.7003, 0.3218, 0.3330.

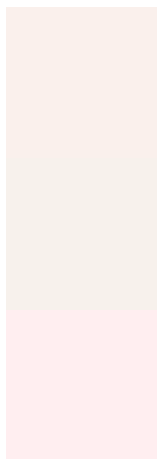


This preview shows how white text looks on a background with the Yxy color 88.7003, 0.3218, 0.3330.

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

88.7003, 0.3218, 0.3330

Protanopia

88.7409, 0.3197, 0.3340

Deuteranopia

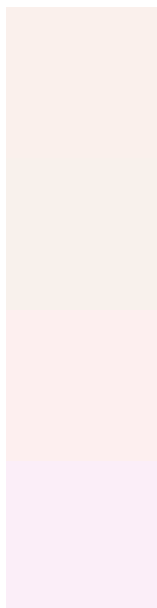
88.7003, 0.3228, 0.3271



Tritanopia

88.4838, 0.3116, 0.3116

Trichromacy



Original Color

88.7003, 0.3218, 0.3330

Protanomaly

88.9232, 0.3204, 0.3340

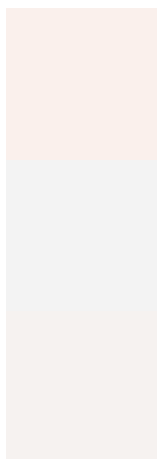
Deuteranomaly

88.8476, 0.3220, 0.3290

Tritanomaly

88.4356, 0.3152, 0.3192

Monochromacy



Original Color

88.7003, 0.3218, 0.3330

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.3884, 0.3165, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7003, 0.3218, 0.3330 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(250, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 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(250, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 236) }
```

Border

The CSS property to change the border of an element to Yxy 88.7003, 0.3218, 0.3330 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(250, 240, 236) }
```

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

```
.border{ border-color:rgb(250, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7003, 0.3218, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 236) }
```

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

```
.background{ background-color: rgb(250,  
240, 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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