

Converting Colors

Yxy(87.9644, 0.3266, 0.3448)

Have a look what the booklet for
Yxy(87.9644, 0.3266, 0.3448)
contains.

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Color

Yxy(88.1210, 0.3266, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	F7F1E1
RGB	247, 241, 225
RGB Percent	97%, 95%, 88%
CMY	0.0314, 0.0549, 0.1177
CMYK	0.00, 0.02, 0.09, 0.03
HSL	44°, 58%, 93%
HSV	44°, 9%, 97%
XYZ	83.3970, 88.1210, 83.8311
YIQ	240.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

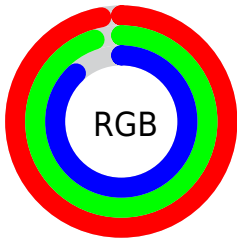
Format	Color
R _Y B	233, 247, 225
Decimal	16249313
CIE Lab	95.21, -0.69, 8.44
CIE LCh	95, 8.466, 94.651
Yxy	88.1210, 0.3266, 0.3451
Android (android.graphics.Color)	4294439393 (0xFFFF7F1E1)
YUV	240.9700, -7.8732, 5.2883
Hunter-Lab	93.8728, -5.6971, 12.7633

Details

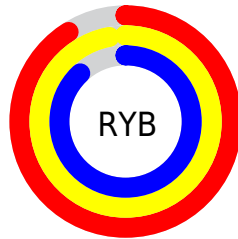
The Yxy color **88.1210, 0.3266, 0.3451** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8431, 0.2989, 0.3124**, and the grayscale version is **87.9961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6766, 0.3298, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **82.9770, 0.3435, 0.3639**, and if you desaturate by 10%, it is **93.6137, 0.3111, 0.3271**.

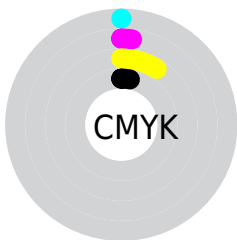
Distribution



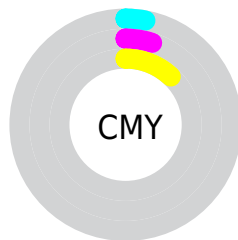
- Red (97%)
- Green (95%)
- Blue (88%)



- Red (91%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1210, 0.3266, 0.3451 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 88.1210, 0.3266, 0.3451 by changing the saturation by 10% instead.


 88.1210, 0.3266,
0.3451

 88.1210, 0.3266,
0.3451


521.8994, 0.3204,
0.3379

 66.4233, 0.3280,
0.3467


144.7256, 0.3245,
0.3426

 48.6161, 0.3296,
0.3486


180.4013, 0.3237,
0.3417

 34.3150, 0.3317,
0.3511


221.5051, 0.3229,
0.3408

 23.1357, 0.3344,
0.3542

268.4213, 0.3223,
0.3401

 14.6938, 0.3379,
0.3583

321.5345, 0.3217,
0.3395

 8.6047, 0.3428,
0.3640

381.2290, 0.3212,

 4.4843, 0.3499,

0.3389

0.3725

447.8892, 0.3208,
0.3384

■ 1.9480, 0.3616,
0.3863

■ 0.5770, 0.4635,
0.5031

■ 88.1210, 0.3266,
0.3451

■ 88.1210, 0.3266,
0.3451

■ 82.9770, 0.3435,
0.3639

■ 93.6137, 0.3111,
0.3271

■ 78.1604, 0.3617,
0.3831

■ 98.1413, 0.3078,
0.3284

■ 73.6643, 0.3808,
0.4021

■ 98.5115, 0.3078,
0.3290

■ 69.4776, 0.4003,
0.4200

■ 65.5880, 0.4196,
0.4358

■ 61.9821, 0.4377,
0.4483

■ 58.6448, 0.4538,
0.4566

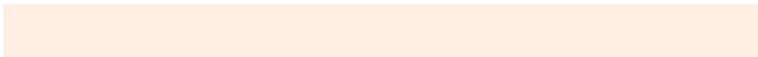
■ 55.5584, 0.4670,
0.4600

■ 52.6976, 0.4772,
0.4587

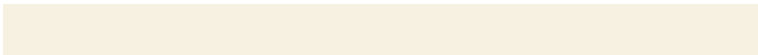
Harmonies

Analogous

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



88.1210, 0.3311, 0.3406



88.1210, 0.3266, 0.3451



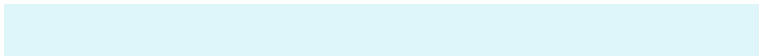
88.1210, 0.3184, 0.3452

Triad

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



88.1210, 0.3266, 0.3451



88.1210, 0.2951, 0.3244



88.1210, 0.3166, 0.3176

Complementary

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



88.1210, 0.3266, 0.3451



79.8431, 0.2989, 0.3124

Split Complementary

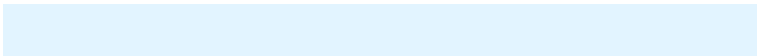
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1210, 0.3069, 0.3134



88.1210, 0.3266, 0.3451



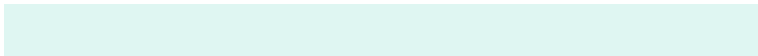
88.1210, 0.2946, 0.3171

Square

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



88.1210, 0.3266, 0.3451



88.1210, 0.3002, 0.3331



88.1210, 0.2989, 0.3131



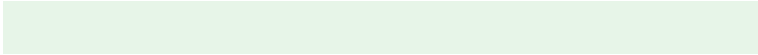
88.1210, 0.3253, 0.3248

Rectangle

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



88.1210, 0.3266, 0.3451



88.1210, 0.3119, 0.3428



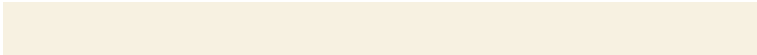
88.1210, 0.2989, 0.3131



88.1210, 0.3133, 0.3158

Sweetspot

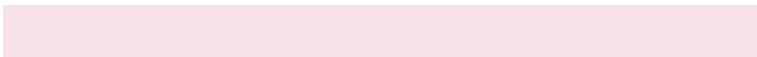
The Sweet Spot groups the original color and five complimentary colors.



88.1249, 0.3266, 0.3451



98.1995, 0.3173, 0.3343



79.3920, 0.3241, 0.3227



20.9170, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



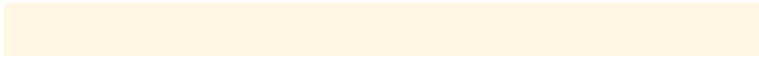
21.4041, 0.3127, 0.3290

Same Dimension

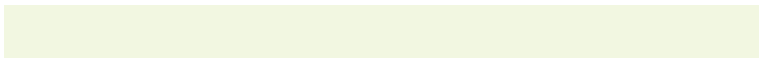
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1249, 0.3266, 0.3451



93.5620, 0.3301, 0.3490



90.8634, 0.3228, 0.3512



18.5084, 0.3275, 0.3462



27.9623, 0.4771, 0.4594



2.6275, 0.4682, 0.4665

Inverse Universe

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



79.8431, 0.2989, 0.3124



82.7092, 0.2954, 0.3082



77.3345, 0.3020, 0.3063



16.6584, 0.2979, 0.3112



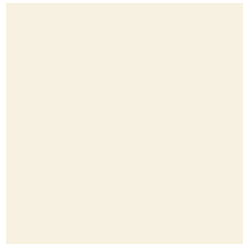
5.8774, 0.1592, 0.0932



0.6803, 0.1658, 0.1170

Previews

White Background



This preview shows how the Yxy color 88.1210, 0.3266, 0.3451 looks on a white background.

Color Contrast Check

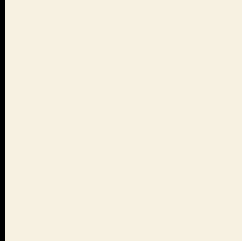
Large Text (above 18pt) WCAG AA × Fail

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 88.1210, 0.3266, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

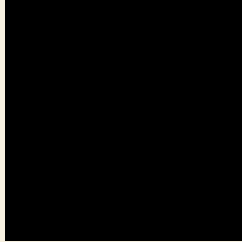
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

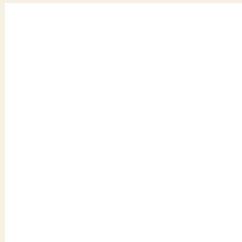
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1210, 0.3266, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 88.1210, 0.3266, 0.3451.

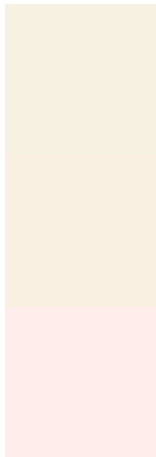


This preview shows how white text looks on a background with the Yxy color 88.1210, 0.3266, 0.3451.

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

88.1210, 0.3266, 0.3451

Protanopia

87.8962, 0.3281, 0.3440

Deuteranopia

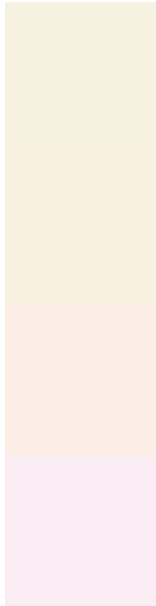
87.8265, 0.3261, 0.3310



Tritanopia

88.2976, 0.3109, 0.3115

Trichromacy



Original Color

88.1210, 0.3266, 0.3451

Protanomaly

87.7129, 0.3274, 0.3441

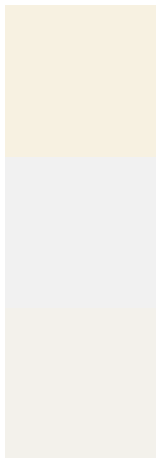
Deuteranomaly

87.6140, 0.3265, 0.3360

Tritanomaly

88.0047, 0.3170, 0.3231

Monochromacy



Original Color

88.1210, 0.3266, 0.3451

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9634, 0.3177, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1210, 0.3266, 0.3451 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, 241, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 241, 225)  
}
```

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, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 225) }
```

Border

The CSS property to change the border of an element to Yxy 88.1210, 0.3266, 0.3451 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, 241, 225) }
```

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

```
.border{ border-color:rgb(247, 241, 225) }
```

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

Here you see how a box with a 4 pixel rgb(247, 241, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1210, 0.3266, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 225) }
```

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

```
.background{ background-color: rgb(247,  
241, 225) }
```

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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