

Converting Colors

$Yxy(87.1438, 0.3305, 0.3417)$

Have a look what the booklet for
Yxy(87.1438, 0.3305, 0.3417)
contains.

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Color

Yxy(87.2808, 0.3303, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FCEEE1
RGB	252, 238, 225
RGB Percent	99%, 93%, 88%
CMY	0.0120, 0.0666, 0.1177
CMYK	0.00, 0.06, 0.11, 0.01
HSL	29°, 82%, 94%
HSV	29°, 11%, 99%
XYZ	84.2949, 87.2808, 83.6313
YIQ	240.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

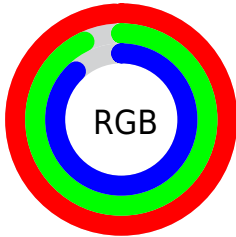
Format	Color
R _Y B	252, 250, 225
Decimal	16576225
CIE Lab	94.86, 2.55, 7.97
CIE LCh	95, 8.371, 72.240
Yxy	87.2808, 0.3303, 0.3420
Android (android.graphics.Color)	4294766305 (0xFFFC ^{EE} E1)
YUV	240.7040, -7.7421, 9.9066
Hunter-Lab	93.4242, -2.4352, 12.3218

Details

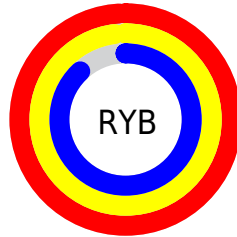
The Yxy color **87.2808, 0.3303, 0.3420** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7156, 0.2960, 0.3156**, and the grayscale version is **87.7701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9603, 0.3338, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **78.7019, 0.3492, 0.3549**, and if you desaturate by 10%, it is **96.6182, 0.3138, 0.3298**.

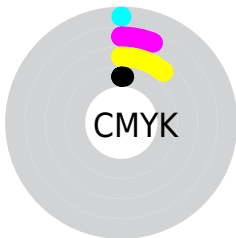
Distribution



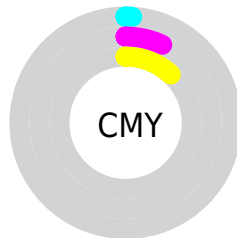
- Red (99%)
- Green (93%)
- Blue (88%)



- Red (99%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.2808, 0.3303, 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 87.2808, 0.3303, 0.3420 by changing the saturation by 10% instead.


 87.2808, 0.3303,
0.3420

 87.2808, 0.3303,
0.3420

519.1451, 0.3224,
0.3362

 65.7276, 0.3321,
0.3433


143.5555, 0.3276,
0.3400

 48.0513, 0.3342,
0.3448


179.0457, 0.3265,
0.3393

 33.8675, 0.3369,
0.3467

219.9505, 0.3256,
0.3386

 22.7918, 0.3403,
0.3492

266.6541, 0.3248,
0.3380

 14.4399, 0.3448,
0.3524

319.5409, 0.3241,
0.3375

 8.4272, 0.3512,
0.3569

378.9955, 0.3235,

 4.3695, 0.3606,

0.3370

0.3634

445.4021, 0.3229,
0.3366

■ 1.8823, 0.3761,
0.3738

■ 0.5377, 0.5033,
0.4720

■ 87.2808, 0.3303,
0.3420

■ 87.2808, 0.3303,
0.3420

■ 78.7019, 0.3492,
0.3549

■ 96.6182, 0.3138,
0.3298

■ 70.8496, 0.3708,
0.3681

■ 99.4258, 0.3108,
0.3290

■ 63.7064, 0.3949,
0.3812

■ 57.2496, 0.4214,
0.3934

■ 51.4552, 0.4496,
0.4036

■ 46.2972, 0.4782,
0.4106

■ 41.7474, 0.5055,
0.4130

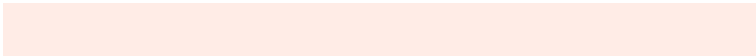
■ 37.7738, 0.5297,
0.4100

■ 34.5562, 0.5485,
0.4027

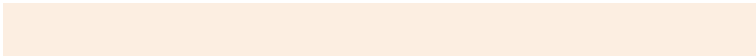
Harmonies

Analogous

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



87.2808, 0.3311, 0.3352



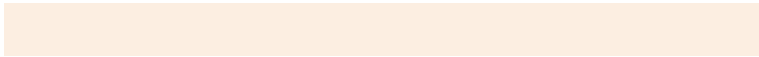
87.2808, 0.3303, 0.3420



87.2808, 0.3247, 0.3454

Triad

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



87.2808, 0.3303, 0.3420



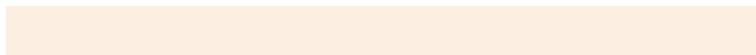
87.2808, 0.2986, 0.3309



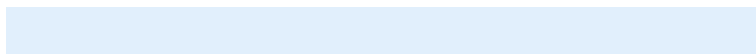
87.2808, 0.3093, 0.3142

Complementary

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



87.2808, 0.3303, 0.3420



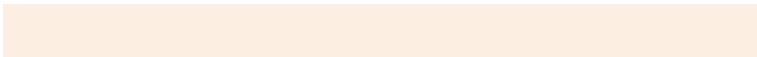
84.7156, 0.2960, 0.3156

Split Complementary

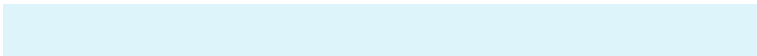
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2808, 0.3007, 0.3129



87.2808, 0.3303, 0.3420



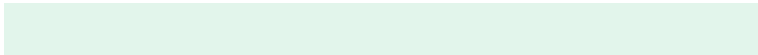
87.2808, 0.2947, 0.3224

Square

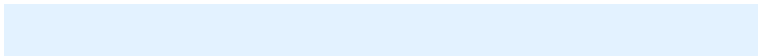
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2808, 0.3303, 0.3420



87.2808, 0.3064, 0.3390



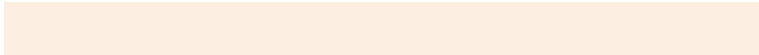
87.2808, 0.2954, 0.3158



87.2808, 0.3189, 0.3193

Rectangle

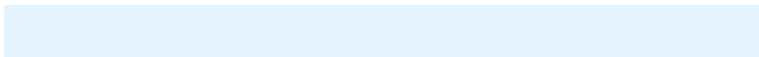
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2808, 0.3303, 0.3420



87.2808, 0.3190, 0.3453



87.2808, 0.2954, 0.3158



87.2808, 0.3062, 0.3133

Sweetspot

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



87.2846, 0.3303, 0.3420



97.0216, 0.3174, 0.3326



80.7593, 0.3225, 0.3152



20.5988, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



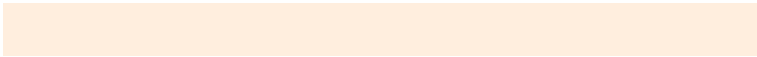
21.4041, 0.3127, 0.3290

Same Dimension

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



87.2846, 0.3303, 0.3420



87.6028, 0.3344, 0.3449



95.4284, 0.3288, 0.3550



18.6101, 0.3282, 0.3405



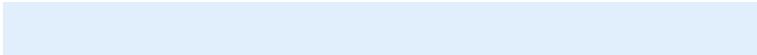
18.3012, 0.5458, 0.4048



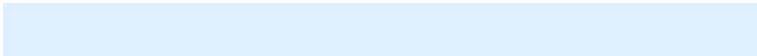
1.9062, 0.5267, 0.4200

Inverse Universe

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



84.7156, 0.2960, 0.3156



84.4437, 0.2924, 0.3126



77.1207, 0.2958, 0.3016



18.1262, 0.2980, 0.3172



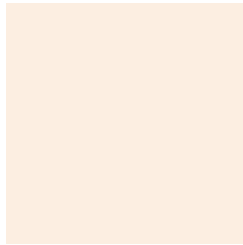
12.2986, 0.1786, 0.1631



1.3514, 0.1845, 0.1842

Previews

White Background



This preview shows how the Yxy color 87.2808, 0.3303, 0.3420 looks on a white background.

Color Contrast Check

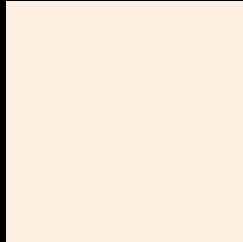
Large Text (above 18pt) WCAG AA × Fail

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 87.2808, 0.3303, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

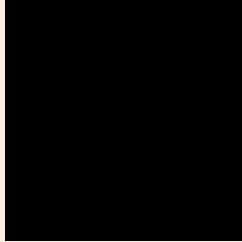
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.2808, 0.3303, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 87.2808, 0.3303, 0.3420.

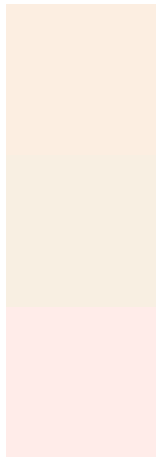


This preview shows how white text looks on a background with the Yxy color 87.2808, 0.3303, 0.3420.

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

87.2808, 0.3303, 0.3420

Protanopia

87.1804, 0.3268, 0.3421

Deuteranopia

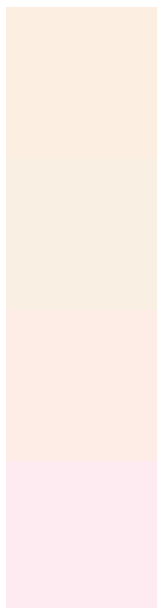
87.1341, 0.3275, 0.3320



Tritanopia

87.1339, 0.3155, 0.3116

Trichromacy



Original Color

87.2808, 0.3303, 0.3420

Protanomaly

87.3637, 0.3275, 0.3420

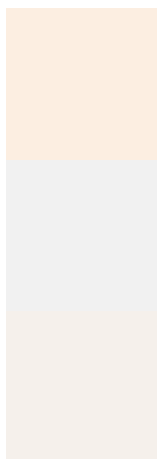
Deuteranomaly

87.3524, 0.3286, 0.3360

Tritanomaly

86.8983, 0.3211, 0.3222

Monochromacy



Original Color

87.2808, 0.3303, 0.3420

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7308, 0.3191, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2808, 0.3303, 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(252, 238, 225)` looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 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(252, 238, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 225) }
```

Border

The CSS property to change the border of an element to Yxy 87.2808, 0.3303, 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(252, 238, 225) }
```

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

```
.border{ border-color:rgb(252, 238, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 238, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 238, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 238, 225); box-shadow:4px 4px 4px 4px rgb(252, 238, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2808, 0.3303, 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(252, 238, 225) }
```

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

```
.background{ background-color: rgb(252,  
238, 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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