

Converting Colors

$Y_{xy}(92.8827, 0.3208, 0.3331)$

Have a look what the booklet for
Yxy(92.8827, 0.3208, 0.3331)
contains.

Yxy(92.7265, 0.3210, 0.3329)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.7265, 0.3210, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	FEF5F1
RGB	254, 245, 241
RGB Percent	100%, 96%, 95%
CMY	0.0038, 0.0392, 0.0549
CMYK	0.00, 0.04, 0.05, 0.00
HSL	18°, 87%, 97%
HSV	18°, 5%, 100%
XYZ	89.4119, 92.7265, 96.4032
YIQ	247.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 247, 241
Decimal	16709105
CIE _{Lab}	97.12, 2.35, 2.98
CIE _{LCh}	97, 3.794, 51.808
Yxy	92.7265, 0.3210, 0.3329
Android (android.graphics.Color)	4294899185 (0xFFFEF5F1)
YUV	247.2350, -3.0739, 5.9329
Hunter-Lab	96.2946, -2.7740, 8.0493

Details

The Yxy color 92.7265, 0.3210, 0.3329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2554, 0.3048, 0.3251, and the grayscale version is 93.2405, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7683, 0.3224, 0.3340 is the 20% darker color. If you saturate the color by 10%, you get 81.1596, 0.3394, 0.3409, and if you desaturate by 10%, it is 99.8176, 0.3121, 0.3290.

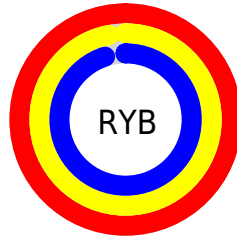
Distribution



Red (100%)

Green (96%)

Blue (95%)



Red (100%)

Yellow (97%)

Blue (95%)

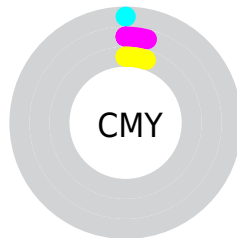


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7265, 0.3210, 0.3329 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 92.7265, 0.3210, 0.3329 by changing the saturation by 10% instead.

 92.7265, 0.3210,
0.3329

 92.7265, 0.3210,
0.3329

536.8607, 0.3173,
0.3312

 70.2442, 0.3218,
0.3333


151.1199, 0.3198,
0.3323

 51.7256, 0.3228,
0.3337


187.7998, 0.3193,
0.3321

 36.7864, 0.3240,
0.3343


229.9810, 0.3188,
0.3319

 25.0422, 0.3256,
0.3350

278.0479, 0.3185,
0.3317

 16.1085, 0.3276,
0.3359

332.3850, 0.3181,
0.3316

 9.6010, 0.3304,
0.3372

393.3765, 0.3178,

 5.1352, 0.3346,

0.3314

0.3390

461.4070, 0.3176,
0.3313

■ 2.3268, 0.3412,
0.3419

■ 0.7878, 0.3593,
0.3512

■ 92.7265, 0.3210,
0.3329

■ 92.7265, 0.3210,
0.3329

■ 81.1596, 0.3394,
0.3409

99.8176, 0.3121,
0.3290

■ 70.7784, 0.3613,
0.3494

■ 61.5483, 0.3870,
0.3579

■ 53.4281, 0.4167,
0.3661

■ 46.3744, 0.4504,
0.3732

■ 40.3408, 0.4869,
0.3781

■ 35.2769, 0.5240,
0.3795

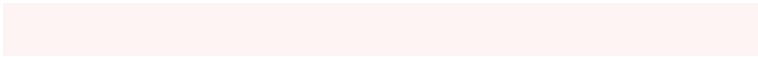
■ 31.1274, 0.5585,
0.3764

■ 27.8304, 0.5866,
0.3684

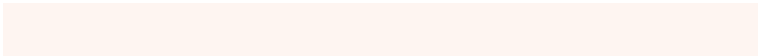
Harmonies

Analogous

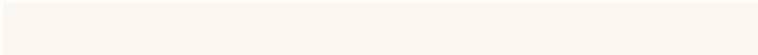
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7265, 0.3198, 0.3293



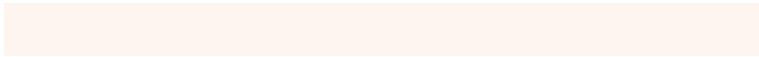
92.7265, 0.3210, 0.3329



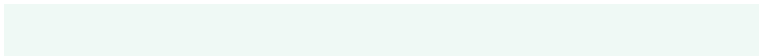
92.7265, 0.3199, 0.3355

Triad

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



92.7265, 0.3210, 0.3329



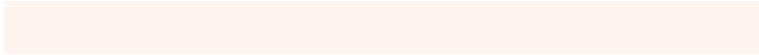
92.7265, 0.3087, 0.3324



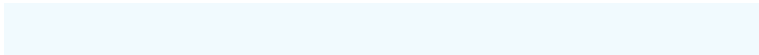
92.7265, 0.3085, 0.3218

Complementary

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



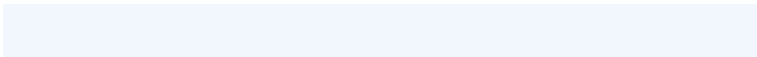
92.7265, 0.3210, 0.3329



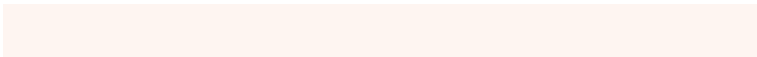
94.2554, 0.3048, 0.3251

Split Complementary

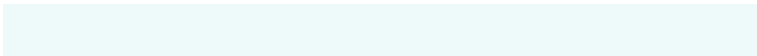
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7265, 0.3056, 0.3226



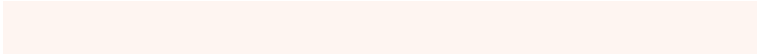
92.7265, 0.3210, 0.3329



92.7265, 0.3057, 0.3287

Square

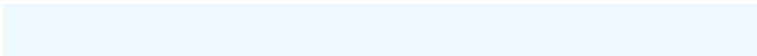
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7265, 0.3210, 0.3329



92.7265, 0.3128, 0.3352



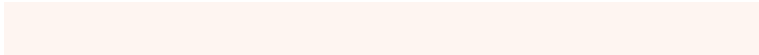
92.7265, 0.3045, 0.3251



92.7265, 0.3126, 0.3229

Rectangle

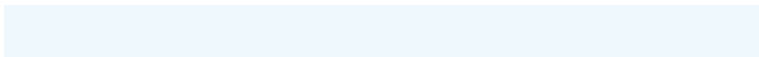
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.7265, 0.3210, 0.3329



92.7265, 0.3181, 0.3363



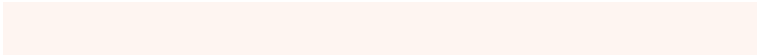
92.7265, 0.3045, 0.3251



92.7265, 0.3074, 0.3218

Sweetspot

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



92.7305, 0.3210, 0.3329



97.4399, 0.3159, 0.3305



90.8982, 0.3157, 0.3202



20.8830, 0.3157, 0.3304



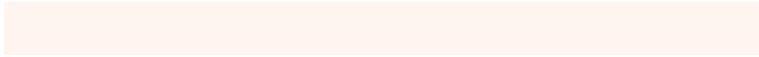
0.0000, 0.0000, 0.0000



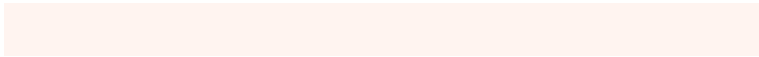
21.4041, 0.3127, 0.3290

Same Dimension

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



92.7305, 0.3210, 0.3329



92.4693, 0.3225, 0.3336



96.6911, 0.3205, 0.3391



19.6225, 0.3236, 0.3341



14.1973, 0.5950, 0.3658



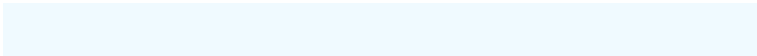
1.5658, 0.5729, 0.3833

Inverse Universe

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



94.2554, 0.3048, 0.3251



94.2573, 0.3034, 0.3244



90.3241, 0.3049, 0.3187



20.0450, 0.3024, 0.3239



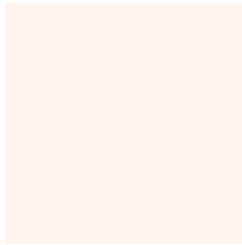
20.4478, 0.1960, 0.2255



2.1845, 0.1997, 0.2387

Previews

White Background



This preview shows how the Yxy color 92.7265, 0.3210, 0.3329 looks on a white background.

Color Contrast Check

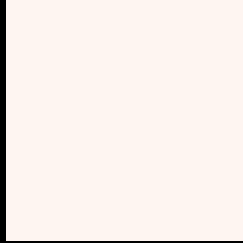
Large Text (above 18pt) WCAG AA × Fail

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 92.7265, 0.3210, 0.3329 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

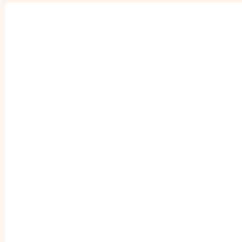
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7265, 0.3210, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 92.7265, 0.3210, 0.3329.



This preview shows how white text looks on a background with the Yxy color 92.7265, 0.3210, 0.3329.

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

92.7265, 0.3210, 0.3329

Protanopia

92.9579, 0.3196, 0.3339

Deuteranopia

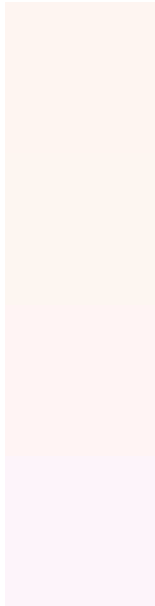
92.5539, 0.3193, 0.3281



Tritanopia

92.8040, 0.3119, 0.3184

Trichromacy



Original Color

92.7265, 0.3210, 0.3329

Protanomaly

93.1451, 0.3202, 0.3339

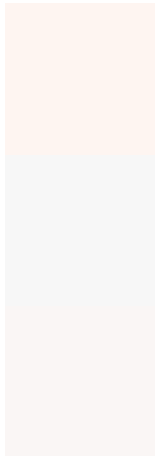
Deuteranomaly

92.4930, 0.3199, 0.3290

Tritanomaly

92.4861, 0.3149, 0.3232

Monochromacy



Original Color

92.7265, 0.3210, 0.3329

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.8281, 0.3159, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7265, 0.3210, 0.3329 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(254, 245, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 241)  
}
```

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(254, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 241) }
```

Border

The CSS property to change the border of an element to Yxy 92.7265, 0.3210, 0.3329 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(254, 245, 241) }
```

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

```
.border{ border-color:rgb(254, 245, 241) }
```

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

Here you see how a box with a 4 pixel rgb(254, 245, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7265, 0.3210, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 241) }
```

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

```
.background{ background-color: rgb(254,  
245, 241) }
```

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