

Converting Colors

$Y_{xy}(117.0992, 0.3963, 0.3393)$

Have a look what the booklet for
Yxy(117.0992, 0.3963, 0.3393)
contains.

Yxy(92.3343, 0.3278, 0.3427)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.3343, 0.3278, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E7
RGB	255, 245, 231
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0392, 0.0941
CMYK	0.00, 0.04, 0.09, 0.00
HSL	35°, 100%, 95%
HSV	35°, 9%, 100%
XYZ	88.3198, 92.3343, 88.7778
YIQ	246.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

Format	Color
R_{YB}	248, 255, 231
Decimal	16774631
CIE _{Lab}	96.96, 1.03, 7.91
CIE _{LCh}	97, 7.976, 82.572
Yxy	92.3343, 0.3278, 0.3427
Android (android.graphics.Color)	4294964711 (0xFFFFF5E7)
YUV	246.3940, -7.5892, 7.5475
Hunter-Lab	96.0907, -4.0943, 12.4858

Details

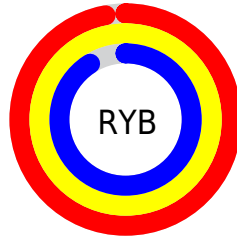
The Yxy color 92.3343, 0.3278, 0.3427 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1288, 0.2981, 0.3149, and the grayscale version is 92.5525, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4961, 0.3312, 0.3465 is the 20% darker color. If you saturate the color by 10%, you get 84.7514, 0.3458, 0.3580, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

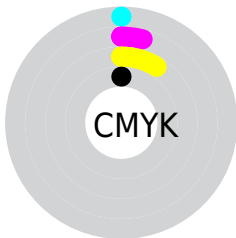
Distribution



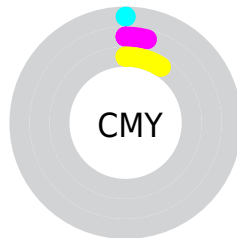
- Red (100%)
- Green (96%)
- Blue (91%)



- Red (97%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3343, 0.3278, 0.3427 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 92.3343, 0.3278, 0.3427 by changing the saturation by 10% instead.

 92.3343, 0.3278,
0.3427

 92.3343, 0.3278,
0.3427


535.5953, 0.3211,
0.3366

 69.9183, 0.3293,
0.3440


150.5766, 0.3255,
0.3406

 51.4600, 0.3311,
0.3456


187.1718, 0.3246,
0.3398

 36.5748, 0.3333,
0.3476


229.2621, 0.3238,
0.3391

 24.8784, 0.3361,
0.3501

277.2320, 0.3232,
0.3385

 15.9865, 0.3398,
0.3535

331.4659, 0.3226,
0.3380

 9.5146, 0.3449,
0.3580

392.3482, 0.3220,

 5.0783, 0.3524,

0.3375

0.3647

460.2632, 0.3215,
0.3370

■ 2.2933, 0.3644,
0.3751

■ 0.7702, 0.4177,
0.4248

■ 92.3343, 0.3278,
0.3427

■ 92.3343, 0.3278,
0.3427

■ 84.7514, 0.3458,
0.3580

100.0000, 0.3127,
0.3290

■ 77.7303, 0.3657,
0.3737

■ 71.2574, 0.3876,
0.3894

■ 65.3157, 0.4110,
0.4041

■ 59.8871, 0.4353,
0.4169

■ 54.9518, 0.4594,
0.4265

■ 50.4882, 0.4820,
0.4318

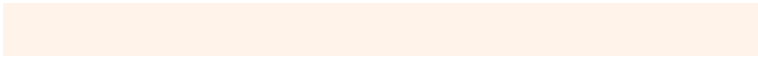
■ 46.4715, 0.5017,
0.4317

■ 42.8674, 0.5180,
0.4266

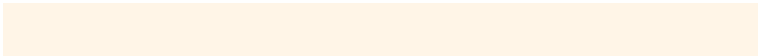
Harmonies

Analogous

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



92.3343, 0.3302, 0.3373



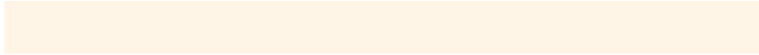
92.3343, 0.3278, 0.3427



92.3343, 0.3213, 0.3445

Triad

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



92.3343, 0.3278, 0.3427



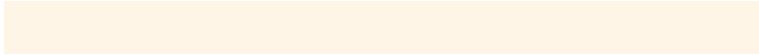
92.3343, 0.2978, 0.3280



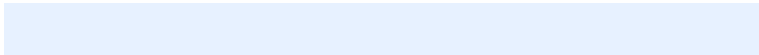
92.3343, 0.3127, 0.3164

Complementary

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



92.3343, 0.3278, 0.3427



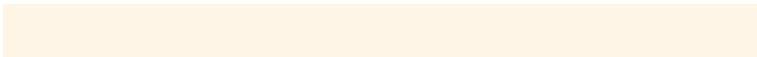
87.1288, 0.2981, 0.3149

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.



92.3343, 0.3040, 0.3139



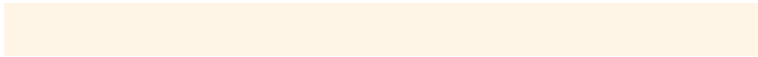
92.3343, 0.3278, 0.3427



92.3343, 0.2955, 0.3204

Square

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



92.3343, 0.3278, 0.3427



92.3343, 0.3040, 0.3360



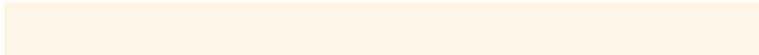
92.3343, 0.2978, 0.3153



92.3343, 0.3214, 0.3222

Rectangle

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



92.3343, 0.3278, 0.3427



92.3343, 0.3156, 0.3434



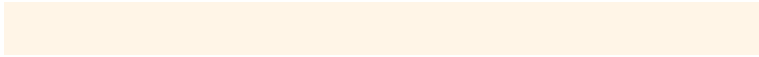
92.3343, 0.2978, 0.3153



92.3343, 0.3096, 0.3152

Sweetspot

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



92.3366, 0.3278, 0.3427



97.4994, 0.3173, 0.3333



84.7950, 0.3225, 0.3189



20.7278, 0.3186, 0.3344



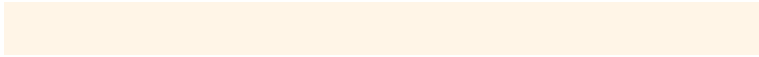
0.0000, 0.0000, 0.0000



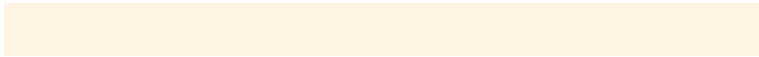
21.4041, 0.3127, 0.3290

Same Dimension

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



92.3366, 0.3278, 0.3427



91.0893, 0.3305, 0.3451



98.2483, 0.3257, 0.3523



19.7473, 0.3280, 0.3429



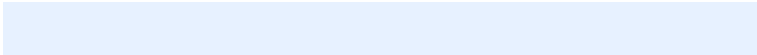
22.5948, 0.5168, 0.4279



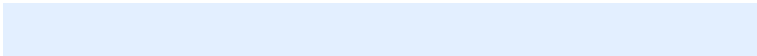
2.4159, 0.5026, 0.4391

Inverse Universe

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



87.1288, 0.2981, 0.3149



85.0661, 0.2955, 0.3124



81.6384, 0.2990, 0.3047



18.6217, 0.2979, 0.3148



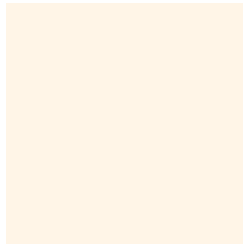
9.4683, 0.1697, 0.1308



1.1317, 0.1759, 0.1530

Previews

White Background



This preview shows how the Yxy color 92.3343, 0.3278, 0.3427 looks on a white background.

Color Contrast Check

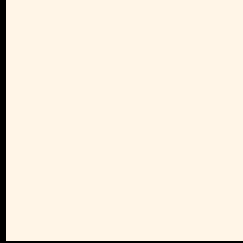
Large Text (above 18pt) WCAG AA × Fail

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 92.3343, 0.3278, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

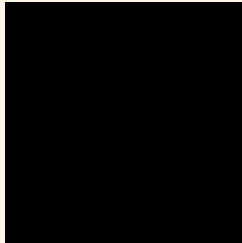
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3343, 0.3278, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 92.3343, 0.3278, 0.3427.

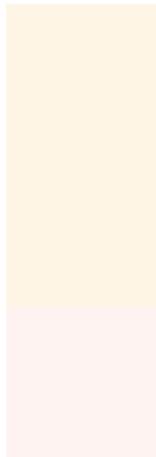


This preview shows how white text looks on a background with the Yxy color 92.3343, 0.3278, 0.3427.

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

92.3343, 0.3278, 0.3427

Protanopia

92.1452, 0.3271, 0.3427

Deuteranopia

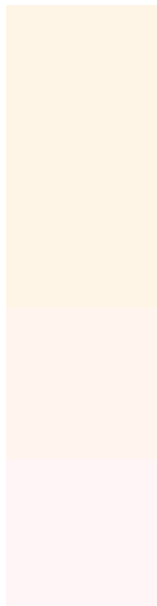
92.3722, 0.3211, 0.3310



Tritanopia

92.5812, 0.3133, 0.3175

Trichromacy



Original Color

92.3343, 0.3278, 0.3427

Protanomaly

92.1452, 0.3271, 0.3427

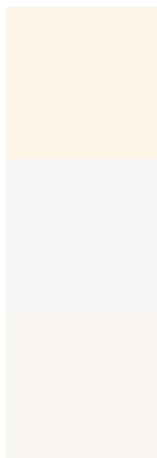
Deuteranomaly

92.1344, 0.3236, 0.3349

Tritanomaly

92.6152, 0.3186, 0.3271

Monochromacy



Original Color

92.3343, 0.3278, 0.3427

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4021, 0.3176, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3343, 0.3278, 0.3427 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(255, 245, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 231)  
}
```

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(255, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 231) }
```

Border

The CSS property to change the border of an element to Yxy 92.3343, 0.3278, 0.3427 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(255, 245, 231) }
```

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

```
.border{ border-color:rgb(255, 245, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 245, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3343, 0.3278, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 231) }
```

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

```
.background{ background-color: rgb(255,  
245, 231) }
```

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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