

Converting Colors

$Y_{xy}(92.1395, 0.3274, 0.3429)$

Have a look what the booklet for
Yxy(92.1395, 0.3274, 0.3429)
contains.

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Color

Yxy(92.1452, 0.3271, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	FEF5E7
RGB	254, 245, 231
RGB Percent	100%, 96%, 91%
CMY	0.0040, 0.0392, 0.0939
CMYK	0.00, 0.04, 0.09, 0.00
HSL	37°, 92%, 95%
HSV	37°, 9%, 100%
XYZ	87.9507, 92.1452, 88.7842
YIQ	246.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

Format	Color
R _Y B	246, 254, 231
Decimal	16709095
CIE Lab	96.88, 0.68, 7.77
CIE LCh	97, 7.802, 84.977
Yxy	92.1452, 0.3271, 0.3427
Android (android.graphics.Color)	4294899175 (0xFFFEF5E7)
YUV	246.0950, -7.4418, 6.9327
Hunter-Lab	95.9923, -4.4401, 12.3567

Details

The Yxy color **92.1452, 0.3271, 0.3427** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4880, 0.2987, 0.3149**, and the grayscale version is **92.2987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3607, 0.3303, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **84.9602, 0.3448, 0.3586**, and if you desaturate by 10%, it is **99.7765, 0.3121, 0.3290**.

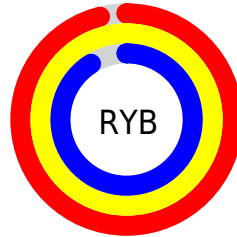
Distribution



Red (100%)

Green (96%)

Blue (91%)



Red (96%)

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 92.1452, 0.3271, 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 92.1452, 0.3271, 0.3427 by changing the saturation by 10% instead.


 92.1452, 0.3271,
0.3427

 92.1452, 0.3271,
0.3427


534.9847, 0.3207,
0.3366

 69.7612, 0.3285,
0.3440


150.3146, 0.3249,
0.3406

 51.3319, 0.3302,
0.3456

186.8689, 0.3241,
0.3398

 36.4728, 0.3323,
0.3476


228.9153, 0.3233,
0.3391

 24.7996, 0.3350,
0.3502

276.8384, 0.3227,
0.3385

 15.9278, 0.3386,
0.3535

331.0225, 0.3221,
0.3380

 9.4731, 0.3434,
0.3581

391.8519, 0.3216,

 5.0510, 0.3506,

0.3375

0.3648

459.7112, 0.3211,
0.3370

■ 2.2772, 0.3620,
0.3754

■ 0.7616, 0.4142,
0.4259

■ 92.1452, 0.3271,
0.3427

■ 92.1452, 0.3271,
0.3427

■ 84.9602, 0.3448,
0.3586

99.7765, 0.3121,
0.3290

■ 78.2888, 0.3644,
0.3750

99.8086, 0.3121,
0.3290

■ 72.1204, 0.3858,
0.3912

■ 66.4393, 0.4084,
0.4066

■ 61.2287, 0.4318,
0.4200

■ 56.4705, 0.4548,
0.4303

■ 52.1444, 0.4762,
0.4362

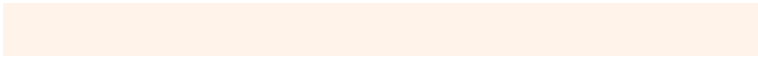
■ 48.2274, 0.4949,
0.4370

■ 44.6882, 0.5101,
0.4326

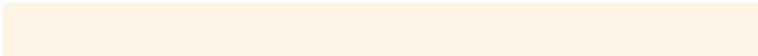
Harmonies

Analogous

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



92.1452, 0.3298, 0.3376



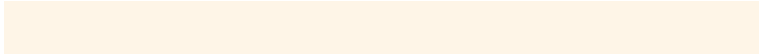
92.1452, 0.3271, 0.3427



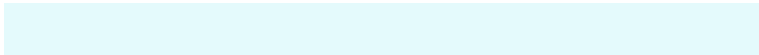
92.1452, 0.3205, 0.3442

Triad

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



92.1452, 0.3271, 0.3427



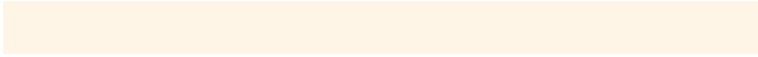
92.1452, 0.2978, 0.3274



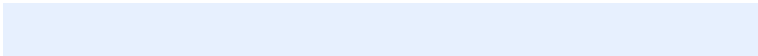
92.1452, 0.3134, 0.3170

Complementary

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



92.1452, 0.3271, 0.3427



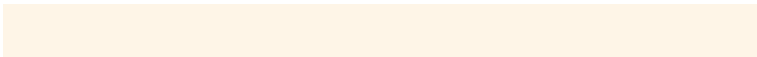
86.4880, 0.2987, 0.3149

Split Complementary

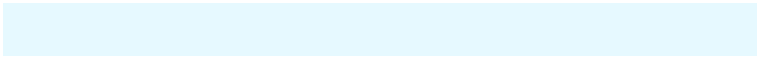
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1452, 0.3048, 0.3143



92.1452, 0.3271, 0.3427



92.1452, 0.2959, 0.3201

Square

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



92.1452, 0.3271, 0.3427



92.1452, 0.3036, 0.3352



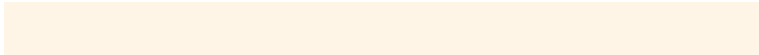
92.1452, 0.2985, 0.3154



92.1452, 0.3218, 0.3229

Rectangle

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



92.1452, 0.3271, 0.3427



92.1452, 0.3148, 0.3428



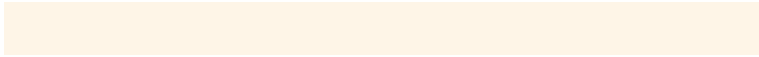
92.1452, 0.2985, 0.3154



92.1452, 0.3104, 0.3157

Sweetspot

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



92.1492, 0.3271, 0.3427



97.6210, 0.3173, 0.3335



84.5505, 0.3225, 0.3200



20.7606, 0.3186, 0.3347



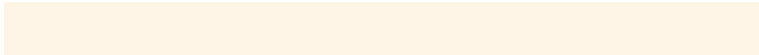
0.0000, 0.0000, 0.0000



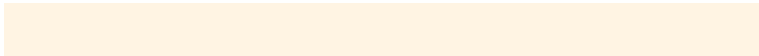
21.4041, 0.3127, 0.3290

Same Dimension

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



92.1492, 0.3271, 0.3427



91.5158, 0.3304, 0.3458



97.2864, 0.3247, 0.3514



19.8268, 0.3279, 0.3434



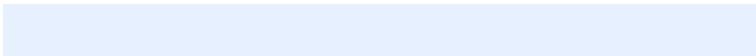
23.6865, 0.5096, 0.4336



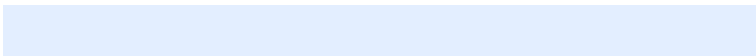
2.5190, 0.4965, 0.4440

Inverse Universe

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



86.4880, 0.2987, 0.3149



84.6519, 0.2955, 0.3116



81.7134, 0.3001, 0.3058



18.5442, 0.2979, 0.3141



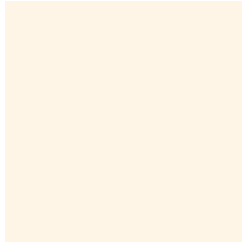
8.7876, 0.1676, 0.1234



1.0608, 0.1738, 0.1458

Previews

White Background



This preview shows how the Yxy color 92.1452, 0.3271, 0.3427 looks on a white background.

Color Contrast Check

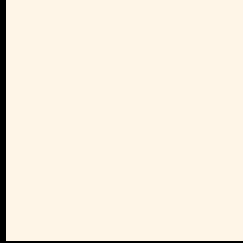
Large Text (above 18pt) WCAG AA × Fail

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 92.1452, 0.3271, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

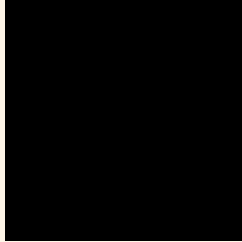
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.1452, 0.3271, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 92.1452, 0.3271, 0.3427.

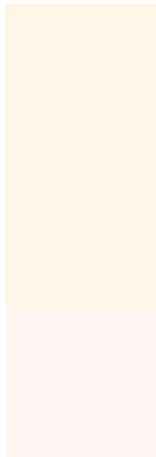


This preview shows how white text looks on a background with the Yxy color 92.1452, 0.3271, 0.3427.

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

92.1452, 0.3271, 0.3427

Protanopia

92.1452, 0.3271, 0.3427

Deuteranopia

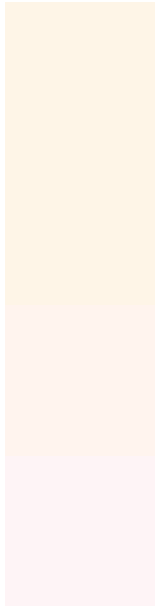
92.3722, 0.3211, 0.3310



Tritanopia

92.3920, 0.3126, 0.3175

Trichromacy



Original Color

92.1452, 0.3271, 0.3427

Protanomaly

92.1452, 0.3271, 0.3427

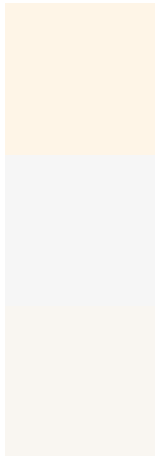
Deuteranomaly

92.1344, 0.3236, 0.3349

Tritanomaly

92.4260, 0.3180, 0.3271

Monochromacy



Original Color

92.1452, 0.3271, 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 92.1452, 0.3271, 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 $rgb(254, 245, 231)$ looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 231) }
```

Border

The CSS property to change the border of an element to Yxy 92.1452, 0.3271, 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(254, 245, 231) }
```

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

```
.border{ border-color:rgb(254, 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(254, 245, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
231) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 92.1452, 0.3271, 0.3427$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 231) }
```

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

```
.background{ background-color: rgb(254,  
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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