

Converting Colors

$Yxy(92.2337, 0.3254, 0.3424)$

Have a look what the booklet for
Yxy(92.2337, 0.3254, 0.3424)
contains.

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Color

Yxy(92.4332, 0.3251, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	FCF6E8
RGB	252, 246, 232
RGB Percent	99%, 96%, 91%
CMY	0.0118, 0.0352, 0.0903
CMYK	0.00, 0.02, 0.08, 0.01
HSL	42°, 77%, 95%
HSV	42°, 8%, 99%
XYZ	87.6605, 92.4332, 89.5480
YIQ	246.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

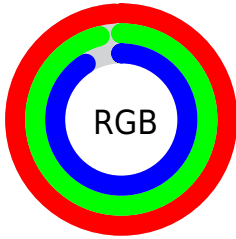
Format	Color
R _Y B	241, 252, 232
Decimal	16578280
CIE Lab	97.00, -0.36, 7.44
CIE LCh	97, 7.449, 92.767
Yxy	92.4332, 0.3251, 0.3428
Android (android.graphics.Color)	4294768360 (0xFFFCF6E8)
YUV	246.1980, -6.9996, 5.0884
Hunter-Lab	96.1422, -5.4961, 12.0761

Details

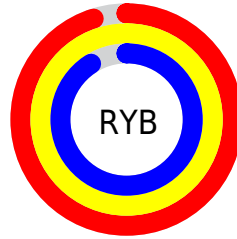
The Yxy color 92.4332, 0.3251, 0.3428 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.3041, 0.3004, 0.3148, and the grayscale version is 92.3809, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5636, 0.3277, 0.3466 is the 20% darker color. If you saturate the color by 10%, you get 86.6188, 0.3421, 0.3609, and if you desaturate by 10%, it is 98.5055, 0.3109, 0.3276.

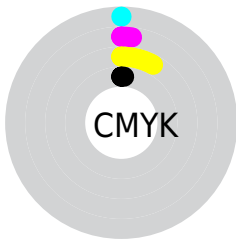
Distribution



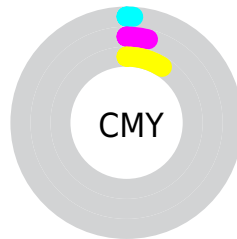
- Red (99%)
- Green (96%)
- Blue (91%)



- Red (95%)
- Yellow (99%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4332, 0.3251, 0.3428 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 92.4332, 0.3251, 0.3428 by changing the saturation by 10% instead.


 92.4332, 0.3251,
0.3428

 92.4332, 0.3251,
0.3428


535.9146, 0.3196,
0.3367

 70.0005, 0.3263,
0.3441


150.7137, 0.3232,
0.3407

 51.5269, 0.3278,
0.3458


187.3302, 0.3225,
0.3399

 36.6281, 0.3296,
0.3478


229.4435, 0.3219,
0.3392

 24.9197, 0.3319,
0.3504

277.4378, 0.3213,
0.3386

 16.0172, 0.3349,
0.3538

331.6978, 0.3208,
0.3380

 9.5364, 0.3391,
0.3584

392.6076, 0.3204,

 5.0926, 0.3452,

0.3375

0.3653

460.5517, 0.3200,
0.3371

■ 2.3017, 0.3548,
0.3762

■ 0.7746, 0.3985,
0.4244

■ 92.4332, 0.3251,
0.3428

■ 92.4332, 0.3251,
0.3428

■ 86.6188, 0.3421,
0.3609

■ 98.5055, 0.3109,
0.3276

■ 81.1805, 0.3604,
0.3795

■ 99.4336, 0.3109,
0.3290

■ 76.1107, 0.3800,
0.3979

■ 71.3972, 0.4002,
0.4154

■ 67.0266, 0.4204,
0.4309

■ 62.9843, 0.4397,
0.4434

■ 59.2541, 0.4572,
0.4516

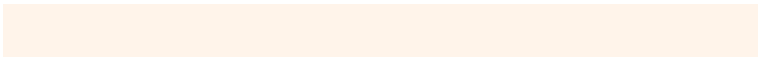
■ 55.8171, 0.4719,
0.4550

■ 52.6485, 0.4834,
0.4533

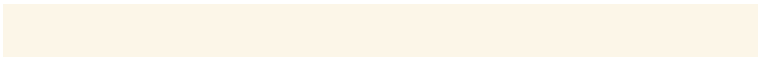
Harmonies

Analogous

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



92.4332, 0.3288, 0.3387



92.4332, 0.3251, 0.3428



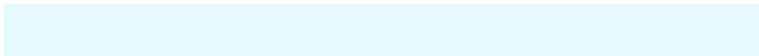
92.4332, 0.3181, 0.3431

Triad

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



92.4332, 0.3251, 0.3428



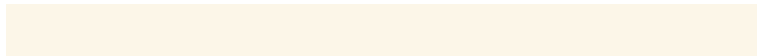
92.4332, 0.2976, 0.3255



92.4332, 0.3155, 0.3188

Complementary

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



92.4332, 0.3251, 0.3428



85.3041, 0.3004, 0.3148

Split Complementary

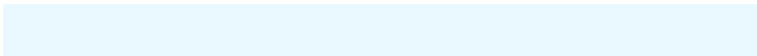
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4332, 0.3072, 0.3153



92.4332, 0.3251, 0.3428



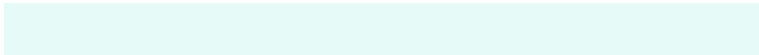
92.4332, 0.2969, 0.3190

Square

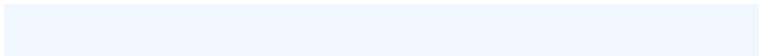
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4332, 0.3251, 0.3428



92.4332, 0.3023, 0.3331



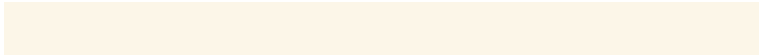
92.4332, 0.3004, 0.3154



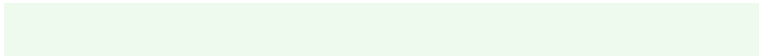
92.4332, 0.3232, 0.3249

Rectangle

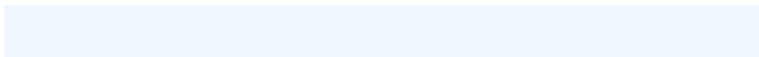
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4332, 0.3251, 0.3428



92.4332, 0.3126, 0.3412



92.4332, 0.3004, 0.3154



92.4332, 0.3127, 0.3173

Sweetspot

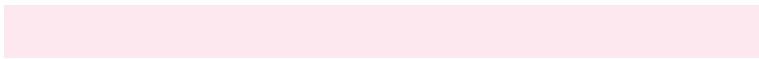
The Sweet Spot groups the original color and five complimentary colors.



92.4372, 0.3251, 0.3428



98.7076, 0.3157, 0.3324



84.5669, 0.3225, 0.3231



21.1411, 0.3156, 0.3323



0.0000, 0.0000, 0.0000



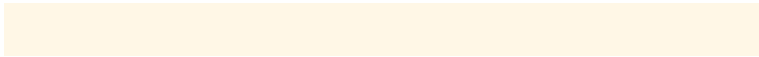
21.4041, 0.3127, 0.3290

Same Dimension

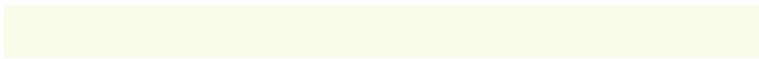
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4372, 0.3251, 0.3428



93.7005, 0.3285, 0.3465



95.3938, 0.3220, 0.3487



19.2638, 0.3276, 0.3456



27.3715, 0.4842, 0.4538



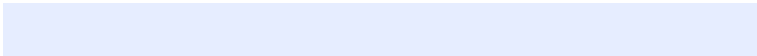
2.7201, 0.4745, 0.4614

Inverse Universe

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



85.3041, 0.3004, 0.3148



84.5972, 0.2971, 0.3109



82.5586, 0.3030, 0.3088



17.4882, 0.2979, 0.3119



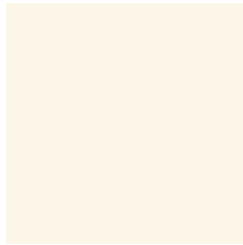
6.5259, 0.1609, 0.0992



0.7809, 0.1673, 0.1223

Previews

White Background



This preview shows how the Yxy color 92.4332, 0.3251, 0.3428 looks on a white background.

Color Contrast Check

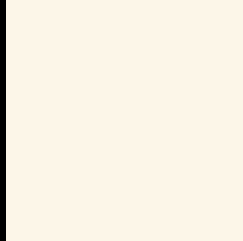
Large Text (above 18pt) WCAG AA × Fail

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 92.4332, 0.3251, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

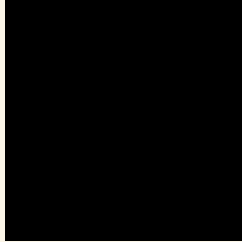
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4332, 0.3251, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 92.4332, 0.3251, 0.3428.

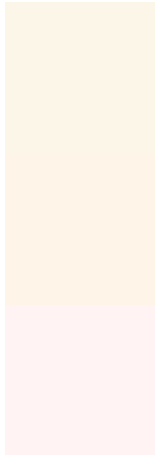


This preview shows how white text looks on a background with the Yxy color 92.4332, 0.3251, 0.3428.

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

92.4332, 0.3251, 0.3428

Protanopia

92.2018, 0.3265, 0.3418

Deuteranopia

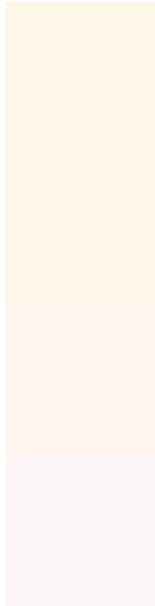
92.4324, 0.3205, 0.3300



Tritanopia

92.6168, 0.3113, 0.3184

Trichromacy



Original Color

92.4332, 0.3251, 0.3428

Protanomaly

92.0137, 0.3259, 0.3418

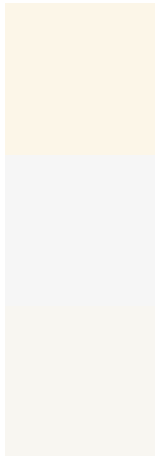
Deuteranomaly

92.6076, 0.3222, 0.3349

Tritanomaly

92.7157, 0.3160, 0.3271

Monochromacy



Original Color

92.4332, 0.3251, 0.3428

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.2189, 0.3170, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4332, 0.3251, 0.3428 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, 246, 232)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 232)  
}
```

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, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 232) }
```

Border

The CSS property to change the border of an element to Yxy 92.4332, 0.3251, 0.3428 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, 246, 232) }
```

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

```
.border{ border-color:rgb(252, 246, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 246, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(252, 246,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4332, 0.3251, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 232) }
```

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

```
.background{ background-color: rgb(252,  
246, 232) }
```

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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