

Converting Colors

$Y_{xy}(92.0779, 0.3252, 0.3408)$

Have a look what the booklet for
Yxy(92.0779, 0.3252, 0.3408)
contains.

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Color

Yxy(92.0707, 0.3252, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FDF5E9
RGB	253, 245, 233
RGB Percent	99%, 96%, 91%
CMY	0.0080, 0.0391, 0.0863
CMYK	0.00, 0.03, 0.08, 0.01
HSL	36°, 83%, 95%
HSV	36°, 8%, 99%
XYZ	87.8562, 92.0707, 90.2336
YIQ	246.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

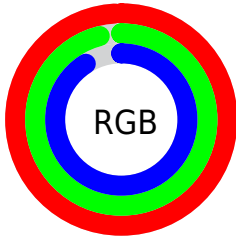
Format	Color
R _Y B	246, 253, 233
Decimal	16643561
CIE Lab	96.85, 0.64, 6.71
CIE LCh	97, 6.739, 84.552
Yxy	92.0707, 0.3252, 0.3408
Android (android.graphics.Color)	4294833641 (0xFFFD5E9)
YUV	246.0240, -6.4208, 6.1180
Hunter-Lab	95.9535, -4.4818, 11.4118

Details

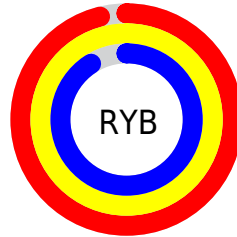
The Yxy color 92.0707, 0.3252, 0.3408 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2878, 0.3005, 0.3169, and the grayscale version is 92.2253, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.3053, 0.3279, 0.3440 is the 20% darker color. If you saturate the color by 10%, you get 84.8077, 0.3427, 0.3565, and if you desaturate by 10%, it is 99.6142, 0.3115, 0.3290.

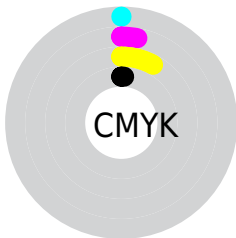
Distribution



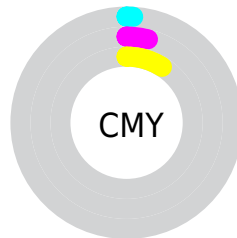
- Red (99%)
- Green (96%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0707, 0.3252, 0.3408 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 92.0707, 0.3252, 0.3408 by changing the saturation by 10% instead.


 92.0707, 0.3252,
0.3408

 92.0707, 0.3252,
0.3408

534.7440, 0.3197,
0.3356

 69.6994, 0.3264,
0.3419

150.2114, 0.3233,
0.3390

 51.2815, 0.3279,
0.3433

186.7495, 0.3226,
0.3383

 36.4327, 0.3297,
0.3451


228.7787, 0.3219,
0.3377

 24.7685, 0.3321,
0.3472

276.6833, 0.3214,
0.3372

 15.9047, 0.3352,
0.3501

330.8477, 0.3209,
0.3367

 9.4567, 0.3394,
0.3541

391.6564, 0.3204,

 5.0403, 0.3456,

0.3363

0.3599

459.4937, 0.3200,
0.3359

■ 2.2709, 0.3556,
0.3691

■ 0.7582, 0.3978,
0.4096

■ 92.0707, 0.3252,
0.3408

■ 92.0707, 0.3252,
0.3408

■ 84.8077, 0.3427,
0.3565

99.6142, 0.3115,
0.3290

■ 78.0649, 0.3622,
0.3726

■ 71.8316, 0.3835,
0.3888

■ 66.0922, 0.4062,
0.4041

■ 60.8300, 0.4297,
0.4177

■ 56.0269, 0.4530,
0.4283

■ 51.6628, 0.4750,
0.4347

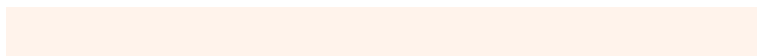
■ 47.7150, 0.4943,
0.4359

■ 44.1550, 0.5101,
0.4319

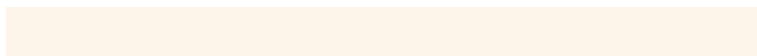
Harmonies

Analogous

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



92.0707, 0.3275, 0.3364



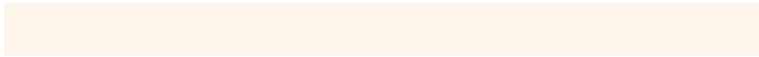
92.0707, 0.3252, 0.3408



92.0707, 0.3196, 0.3421

Triad

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



92.0707, 0.3252, 0.3408



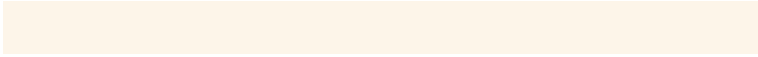
92.0707, 0.2998, 0.3277



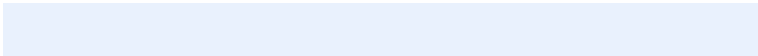
92.0707, 0.3132, 0.3186

Complementary

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



92.0707, 0.3252, 0.3408



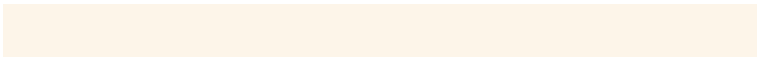
87.2878, 0.3005, 0.3169

Split Complementary

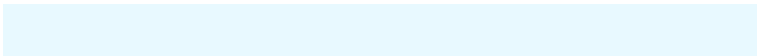
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0707, 0.3058, 0.3163



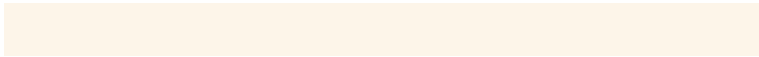
92.0707, 0.3252, 0.3408



92.0707, 0.2982, 0.3214

Square

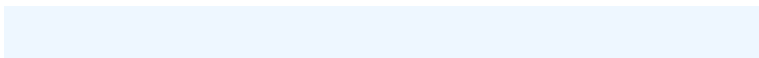
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0707, 0.3252, 0.3408



92.0707, 0.3049, 0.3345



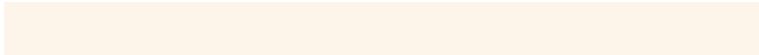
92.0707, 0.3003, 0.3172



92.0707, 0.3205, 0.3236

Rectangle

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



92.0707, 0.3252, 0.3408



92.0707, 0.3147, 0.3409



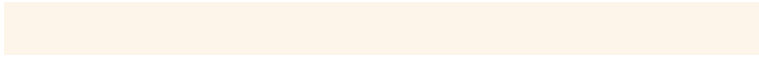
92.0707, 0.3003, 0.3172



92.0707, 0.3106, 0.3175

Sweetspot

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



92.0747, 0.3252, 0.3408



98.3885, 0.3158, 0.3319



85.5044, 0.3212, 0.3212



21.0762, 0.3156, 0.3318



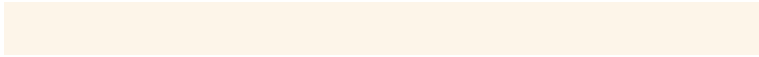
0.0000, 0.0000, 0.0000



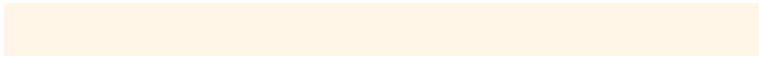
21.4041, 0.3127, 0.3290

Same Dimension

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



92.0747, 0.3252, 0.3408



92.9230, 0.3271, 0.3425



96.6073, 0.3232, 0.3485



19.8073, 0.3279, 0.3433



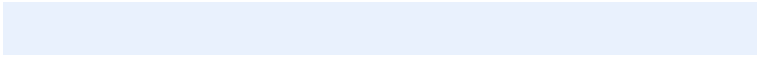
23.4131, 0.5113, 0.4322



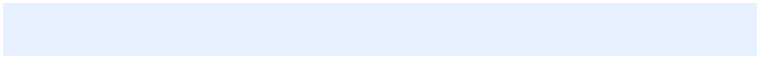
2.4933, 0.4980, 0.4428

Inverse Universe

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



87.2878, 0.3005, 0.3169



87.3999, 0.2987, 0.3151



83.0313, 0.3018, 0.3089



18.5632, 0.2979, 0.3143



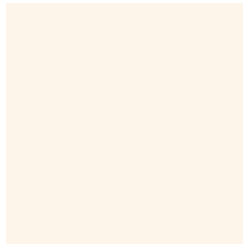
8.9501, 0.1681, 0.1252



1.0778, 0.1743, 0.1475

Previews

White Background



This preview shows how the Yxy color 92.0707, 0.3252, 0.3408 looks on a white background.

Color Contrast Check

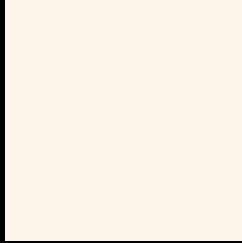
Large Text (above 18pt) WCAG AA × Fail

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 92.0707, 0.3252, 0.3408 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

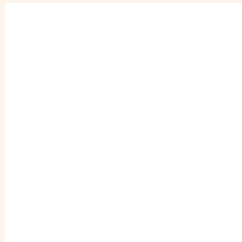
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0707, 0.3252, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 92.0707, 0.3252, 0.3408.

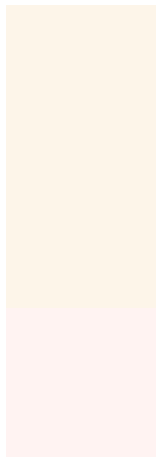


This preview shows how white text looks on a background with the Yxy color 92.0707, 0.3252, 0.3408.

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

92.0707, 0.3252, 0.3408

Protanopia

92.0707, 0.3252, 0.3408

Deuteranopia

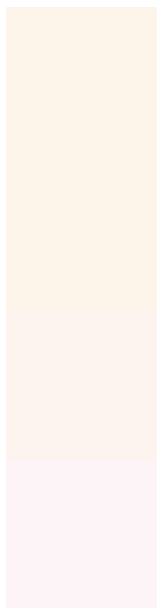
91.7720, 0.3212, 0.3300



Tritanopia

92.2038, 0.3120, 0.3175

Trichromacy



Original Color

92.0707, 0.3252, 0.3408

Protanomaly

92.0707, 0.3252, 0.3408

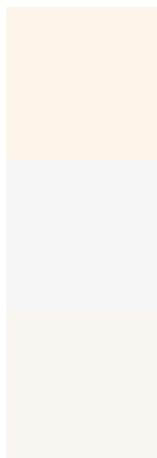
Deuteranomaly

92.0042, 0.3223, 0.3339

Tritanomaly

92.2994, 0.3167, 0.3261

Monochromacy



Original Color

92.0707, 0.3252, 0.3408

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 92.0707, 0.3252, 0.3408 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(253, 245, 233)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 233)  
}
```

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(253, 245, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 233) }
```

Border

The CSS property to change the border of an element to Yxy 92.0707, 0.3252, 0.3408 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(253, 245, 233) }
```

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

```
.border{ border-color:rgb(253, 245, 233) }
```

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

Here you see how a box with a 4 pixel rgb(253, 245, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 233);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0707, 0.3252, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 233) }
```

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

```
.background{ background-color: rgb(253,  
245, 233) }
```

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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