

Converting Colors

$Yxy(92.5093, 0.3293, 0.3488)$

Have a look what the booklet for
Yxy(92.5093, 0.3293, 0.3488)
contains.

Yxy(92.2852, 0.3295, 0.3487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.2852, 0.3295, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	FDF6E2
RGB	253, 246, 226
RGB Percent	99%, 96%, 89%
CMY	0.0077, 0.0353, 0.1137
CMYK	0.00, 0.03, 0.11, 0.01
HSL	44°, 87%, 94%
HSV	44°, 11%, 99%
XYZ	87.2038, 92.2852, 85.1660
YIQ	245.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

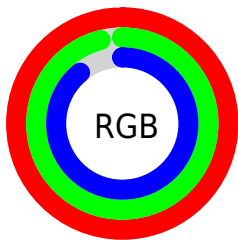
Format	Color
R_{YB}	235, 253, 226
Decimal	16643810
CIE Lab	96.94, -0.95, 10.44
CIE LCh	97, 10.487, 95.177
Yxy	92.2852, 0.3295, 0.3487
Android (android.graphics.Color)	4294833890 (0xFFFD6E2)
YUV	245.8130, -9.7678, 6.3030
Hunter-Lab	96.0652, -6.0795, 14.6825

Details

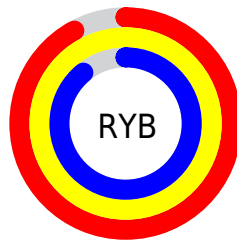
The Yxy color **92.2852, 0.3295, 0.3487** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.5729, 0.2960, 0.3085**, and the grayscale version is **92.0813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5029, 0.3325, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **87.0561, 0.3466, 0.3679**, and if you desaturate by 10%, it is **97.8702, 0.3137, 0.3302**.

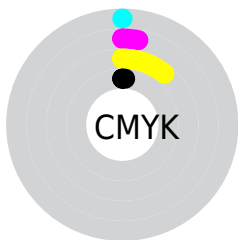
Distribution



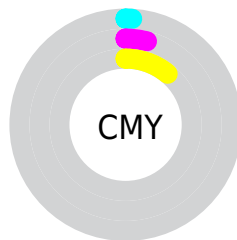
- Red (99%)
- Green (96%)
- Blue (89%)



- Red (92%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2852, 0.3295, 0.3487 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 92.2852, 0.3295, 0.3487 by changing the saturation by 10% instead.

 92.2852, 0.3295,
0.3487

 92.2852, 0.3295,
0.3487

535.4368, 0.3221,
0.3400

 69.8775, 0.3311,
0.3506

150.5086, 0.3270,
0.3457

 51.4267, 0.3331,
0.3530


187.0931, 0.3260,
0.3446

 36.5483, 0.3355,
0.3558


229.1721, 0.3251,
0.3435

 24.8580, 0.3387,
0.3595

277.1298, 0.3244,
0.3426

 15.9713, 0.3427,
0.3644

331.3508, 0.3237,
0.3419

 9.5038, 0.3483,
0.3711

392.2193, 0.3231,

 5.0712, 0.3564,

0.3411

0.3808

460.1199, 0.3226,
0.3405

■ 2.2891, 0.3692,
0.3963

■ 0.7679, 0.4471,
0.4858

■ 92.2852, 0.3295,
0.3487

■ 92.2852, 0.3295,
0.3487

■ 87.0561, 0.3466,
0.3679

■ 97.8702, 0.3137,
0.3302

■ 82.1603, 0.3649,
0.3874

■ 99.6318, 0.3115,
0.3290

■ 77.5907, 0.3839,
0.4065

■ 73.3355, 0.4032,
0.4243

■ 69.3817, 0.4221,
0.4397

■ 65.7149, 0.4395,
0.4517

■ 62.3189, 0.4546,
0.4593

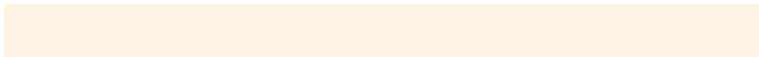
■ 59.1745, 0.4669,
0.4620

■ 56.4458, 0.4757,
0.4605

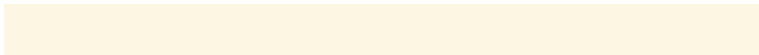
Harmonies

Analogous

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



92.2852, 0.3352, 0.3432



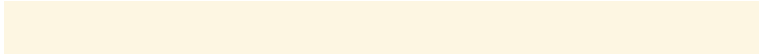
92.2852, 0.3295, 0.3487



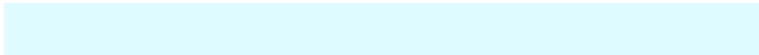
92.2852, 0.3194, 0.3488

Triad

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



92.2852, 0.3295, 0.3487



92.2852, 0.2912, 0.3232



92.2852, 0.3176, 0.3153

Complementary

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



92.2852, 0.3295, 0.3487



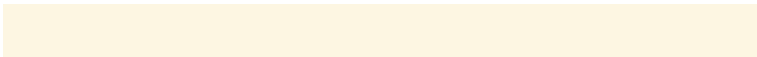
81.5729, 0.2960, 0.3085

Split Complementary

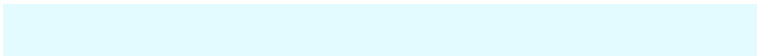
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2852, 0.3058, 0.3100



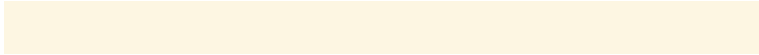
92.2852, 0.3295, 0.3487



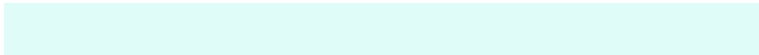
92.2852, 0.2907, 0.3143

Square

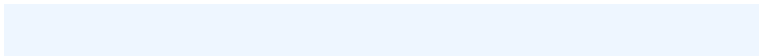
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2852, 0.3295, 0.3487



92.2852, 0.2973, 0.3338



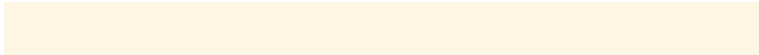
92.2852, 0.2960, 0.3096



92.2852, 0.3282, 0.3240

Rectangle

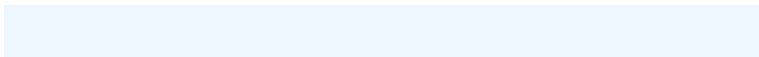
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2852, 0.3295, 0.3487



92.2852, 0.3115, 0.3457



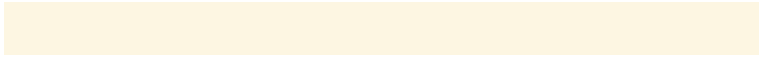
92.2852, 0.2960, 0.3096



92.2852, 0.3136, 0.3131

Sweetspot

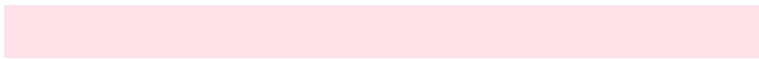
The Sweet Spot groups the original color and five complimentary colors.



92.2893, 0.3295, 0.3487



98.2502, 0.3173, 0.3344



81.1792, 0.3269, 0.3219



20.9307, 0.3185, 0.3359



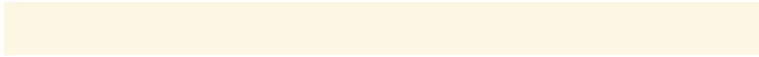
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

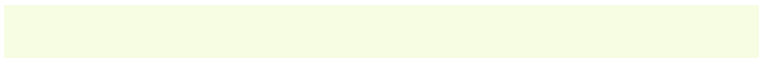
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2893, 0.3295, 0.3487



92.6515, 0.3333, 0.3531



95.4987, 0.3246, 0.3558



20.2414, 0.3276, 0.3465



30.2635, 0.4746, 0.4614



3.1241, 0.4668, 0.4675

Inverse Universe

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



81.5729, 0.2960, 0.3085



79.5974, 0.2921, 0.3037



78.6948, 0.3000, 0.3015



18.1481, 0.2979, 0.3109



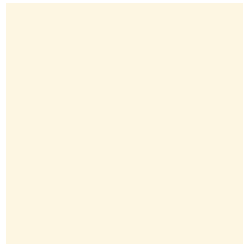
6.0448, 0.1585, 0.0907



0.7569, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 92.2852, 0.3295, 0.3487 looks on a white background.

Color Contrast Check

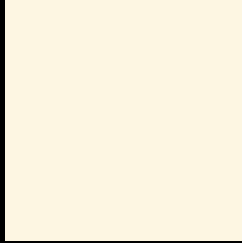
Large Text (above 18pt) WCAG AA × Fail

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 92.2852, 0.3295, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

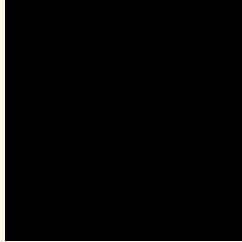
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2852, 0.3295, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 92.2852, 0.3295, 0.3487.

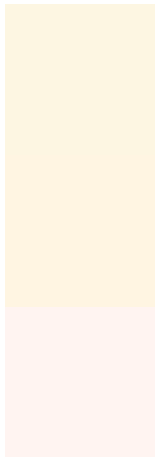


This preview shows how white text looks on a background with the Yxy color 92.2852, 0.3295, 0.3487.

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

92.2852, 0.3295, 0.3487

Protanopia

92.0558, 0.3309, 0.3477

Deuteranopia

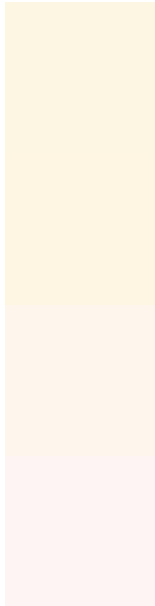
92.3122, 0.3217, 0.3319



Tritanopia

92.3920, 0.3126, 0.3175

Trichromacy



Original Color

92.2852, 0.3295, 0.3487

Protanomaly

91.8666, 0.3302, 0.3477

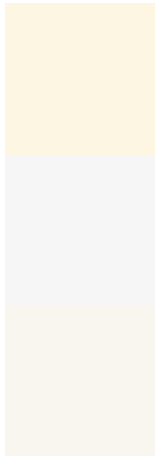
Deuteranomaly

92.4318, 0.3240, 0.3378

Tritanomaly

92.3039, 0.3192, 0.3290

Monochromacy



Original Color

92.2852, 0.3295, 0.3487

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.2833, 0.3189, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2852, 0.3295, 0.3487 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, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 226)  
}
```

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, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 226) }
```

Border

The CSS property to change the border of an element to Yxy 92.2852, 0.3295, 0.3487 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, 246, 226) }
```

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

```
.border{ border-color:rgb(253, 246, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 246, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2852, 0.3295, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 226) }
```

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

```
.background{ background-color: rgb(253,  
246, 226) }
```

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