

Converting Colors

$Y_{xy}(151.6863, 0.4584, 0.3422)$

Have a look what the booklet for
Yxy(151.6863, 0.4584, 0.3422)
contains.

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Color

Yxy(91.8925, 0.3328, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5DF
RGB	255, 245, 223
RGB Percent	100%, 96%, 87%
CMY	0.0001, 0.0392, 0.1256
CMYK	0.00, 0.04, 0.13, 0.00
HSL	41°, 100%, 94%
HSV	41°, 13%, 100%
XYZ	87.2022, 91.8925, 82.9312
YIQ	245.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

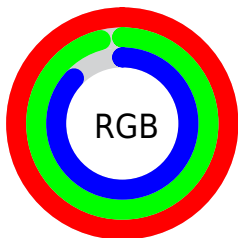
Format	Color
R _Y B	238, 255, 223
Decimal	16774623
CIE Lab	96.78, -0.26, 11.79
CIE LCh	97, 11.796, 91.252
Yxy	91.8925, 0.3328, 0.3507
Android (android.graphics.Color)	4294964703 (0xFFFFF5DF)
YUV	245.4820, -11.0836, 8.3473
Hunter-Lab	95.8606, -5.3785, 15.8092

Details

The Yxy color **91.8925, 0.3328, 0.3507** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.1423, 0.2929, 0.3063**, and the grayscale version is **91.8012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2281, 0.3368, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **85.9233, 0.3505, 0.3688**, and if you desaturate by 10%, it is **98.2829, 0.3166, 0.3333**.

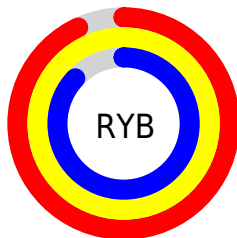
Distribution



Red (100%)

Green (96%)

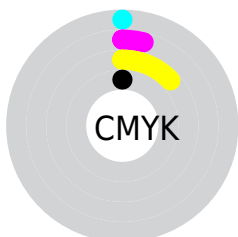
Blue (87%)



Red (93%)

Yellow (100%)

Blue (87%)

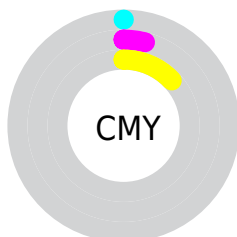


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8925, 0.3328, 0.3507 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 91.8925, 0.3328, 0.3507 by changing the saturation by 10% instead.


 91.8925, 0.3328,
0.3507

 91.8925, 0.3328,
0.3507

534.1680, 0.3239,
0.3411

 69.5513, 0.3348,
0.3528


149.9644, 0.3298,
0.3474

 51.1609, 0.3371,
0.3554


186.4639, 0.3286,
0.3461

 36.3366, 0.3401,
0.3586


228.4517, 0.3275,
0.3450

 24.6943, 0.3438,
0.3626

276.3121, 0.3266,
0.3440

 15.8494, 0.3487,
0.3679

330.4295, 0.3258,
0.3432

 9.4177, 0.3554,
0.3752

391.1884, 0.3251,

 5.0146, 0.3652,

0.3424

0.3858

458.9731, 0.3245,
0.3417

■ 2.2558, 0.3804,
0.4025

■ 0.7502, 0.4851,
0.5149

■ 91.8925, 0.3328,
0.3507

■ 91.8925, 0.3328,
0.3507

■ 85.9233, 0.3505,
0.3688

■ 98.2829, 0.3166,
0.3333

■ 80.3514, 0.3697,
0.3871

99.9959, 0.3127,
0.3290

■ 75.1682, 0.3899,
0.4050

■ 70.3604, 0.4106,
0.4214

■ 65.9134, 0.4309,
0.4354

■ 61.8111, 0.4500,
0.4458

■ 58.0352, 0.4669,
0.4516

■ 54.5643, 0.4806,
0.4523

■ 52.1555, 0.4890,
0.4499

Harmonies

Analogous

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



91.8925, 0.3384, 0.3438



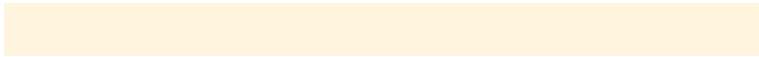
91.8925, 0.3328, 0.3507



91.8925, 0.3218, 0.3517

Triad

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



91.8925, 0.3328, 0.3507



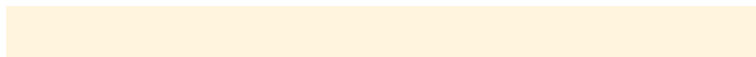
91.8925, 0.2891, 0.3239



91.8925, 0.3164, 0.3126

Complementary

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



91.8925, 0.3328, 0.3507



81.1423, 0.2929, 0.3063

Split Complementary

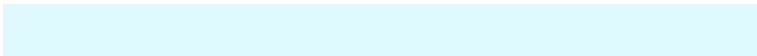
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8925, 0.3033, 0.3073



91.8925, 0.3328, 0.3507



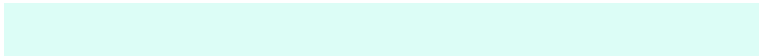
91.8925, 0.2877, 0.3135

Square

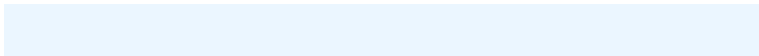
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8925, 0.3328, 0.3507



91.8925, 0.2967, 0.3360



91.8925, 0.2928, 0.3076



91.8925, 0.3288, 0.3220

Rectangle

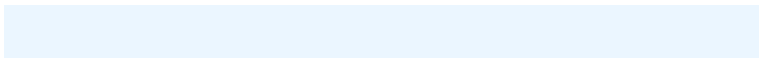
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8925, 0.3328, 0.3507



91.8925, 0.3131, 0.3488



91.8925, 0.2928, 0.3076



91.8925, 0.3120, 0.3103

Sweetspot

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



91.8966, 0.3328, 0.3507



97.3514, 0.3188, 0.3358



79.9051, 0.3287, 0.3190



20.7322, 0.3200, 0.3370



0.0000, 0.0000, 0.0000



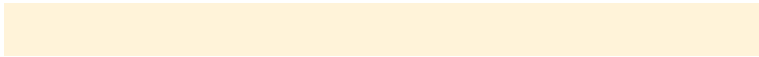
21.4041, 0.3127, 0.3290

Same Dimension

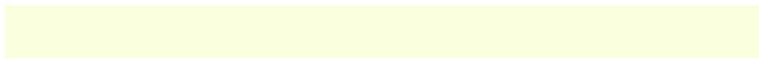
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8966, 0.3328, 0.3507



90.4144, 0.3370, 0.3551



96.9926, 0.3277, 0.3605



20.0807, 0.3277, 0.3453



27.5359, 0.4876, 0.4511



2.8761, 0.4778, 0.4588

Inverse Universe

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



81.1423, 0.2929, 0.3063



77.7817, 0.2888, 0.3015



76.6100, 0.2965, 0.2962



18.3000, 0.2979, 0.3121



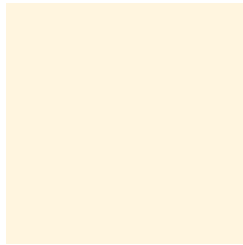
6.9551, 0.1617, 0.1020



0.8621, 0.1678, 0.1241

Previews

White Background



This preview shows how the Yxy color 91.8925, 0.3328, 0.3507 looks on a white background.

Color Contrast Check

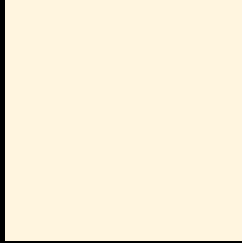
Large Text (above 18pt) WCAG AA × Fail

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 91.8925, 0.3328, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

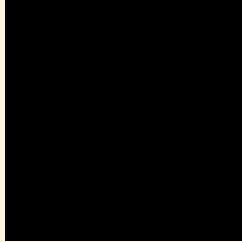
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

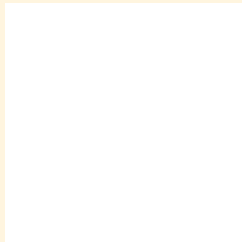
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8925, 0.3328, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 91.8925, 0.3328, 0.3507.



This preview shows how white text looks on a background with the Yxy color 91.8925, 0.3328, 0.3507.

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

91.8925, 0.3328, 0.3507

Protanopia

91.9466, 0.3322, 0.3497

Deuteranopia

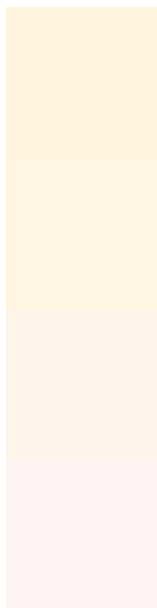
91.6525, 0.3224, 0.3319



Tritanopia

91.9200, 0.3139, 0.3175

Trichromacy



Original Color

91.8925, 0.3328, 0.3507

Protanomaly

91.9466, 0.3322, 0.3497

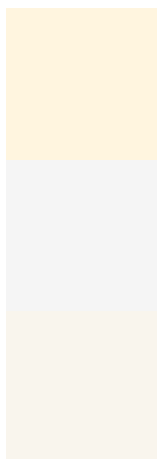
Deuteranomaly

91.9019, 0.3260, 0.3388

Tritanomaly

91.8322, 0.3206, 0.3290

Monochromacy



Original Color

91.8925, 0.3328, 0.3507

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5590, 0.3201, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8925, 0.3328, 0.3507 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 223) }
```

Border

The CSS property to change the border of an element to Yxy 91.8925, 0.3328, 0.3507 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, 223) }
```

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

```
.border{ border-color:rgb(255, 245, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 245, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 245, 223); box-shadow:4px 4px 4px 4px rgb(255, 245, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8925, 0.3328, 0.3507 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
245, 223) }
```

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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