

Converting Colors

$Yxy(93.5732, 0.3206, 0.3398)$

Have a look what the booklet for
Yxy(93.5732, 0.3206, 0.3398)
contains.

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Color

Yxy(93.5732, 0.3206, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FAF8ED
RGB	250, 248, 237
RGB Percent	98%, 97%, 93%
CMY	0.0195, 0.0275, 0.0706
CMYK	0.00, 0.01, 0.05, 0.02
HSL	51°, 57%, 95%
HSV	51°, 5%, 98%
XYZ	88.2860, 93.5732, 93.5181
YIQ	247.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

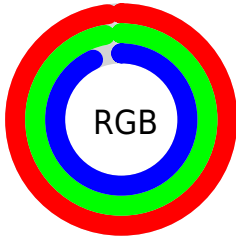
Format	Color
R _Y B	239, 250, 237
Decimal	16447725
CIE Lab	97.46, -1.20, 5.51
CIE LCh	97, 5.638, 102.280
Yxy	93.5732, 0.3206, 0.3398
Android (android.graphics.Color)	4294637805 (0xFFFAF8ED)
YUV	247.3440, -5.0996, 2.3293
Hunter-Lab	96.7332, -6.3708, 10.3939

Details

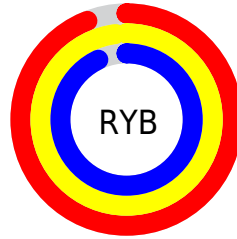
The Yxy color 93.5732, 0.3206, 0.3398 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6573, 0.3048, 0.3180, and the grayscale version is 93.3517, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5048, 0.3227, 0.3427 is the 20% darker color. If you saturate the color by 10%, you get 89.8356, 0.3365, 0.3612, and if you desaturate by 10%, it is 97.1145, 0.3098, 0.3260.

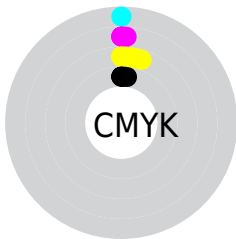
Distribution



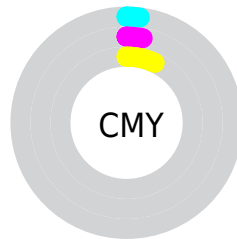
- Red (98%)
- Green (97%)
- Blue (93%)



- Red (94%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.5732, 0.3206, 0.3398 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 93.5732, 0.3206, 0.3398 by changing the saturation by 10% instead.


 93.5732, 0.3206,
0.3398

 93.5732, 0.3206,
0.3398

539.5871, 0.3171,
0.3350

 70.9480, 0.3214,
0.3408

152.2919, 0.3194,
0.3382

 52.2998, 0.3223,
0.3421


189.1543, 0.3190,
0.3375

 37.2441, 0.3234,
0.3437


231.5312, 0.3186,
0.3370

 25.3965, 0.3249,
0.3457

279.8070, 0.3182,
0.3365

 16.3727, 0.3268,
0.3484

334.3660, 0.3179,
0.3361

 9.7883, 0.3294,
0.3520

395.5928, 0.3176,

 5.2588, 0.3332,

0.3357

0.3574

463.8717, 0.3173,
0.3353

■ 2.3999, 0.3392,
0.3659

■ 0.8258, 0.3606,
0.3941

■ 93.5732, 0.3206,
0.3398

■ 93.5732, 0.3206,
0.3398

■ 89.8356, 0.3365,
0.3612

■ 97.1145, 0.3098,
0.3260

■ 86.3393, 0.3532,
0.3830

■ 99.0711, 0.3097,
0.3290

■ 83.0792, 0.3703,
0.4047

■ 80.0451, 0.3874,
0.4253

■ 77.2264, 0.4036,
0.4439

■ 74.6111, 0.4184,
0.4594

■ 72.1856, 0.4311,
0.4710

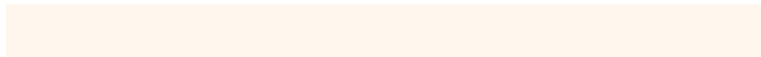
■ 69.9343, 0.4410,
0.4781

■ 67.8380, 0.4479,
0.4805

Harmonies

Analogous

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



93.5732, 0.3243, 0.3376



93.5732, 0.3206, 0.3398



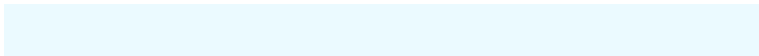
93.5732, 0.3148, 0.3391

Triad

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



93.5732, 0.3206, 0.3398



93.5732, 0.3008, 0.3247



93.5732, 0.3168, 0.3226

Complementary

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



93.5732, 0.3206, 0.3398



86.6573, 0.3048, 0.3180

Split Complementary

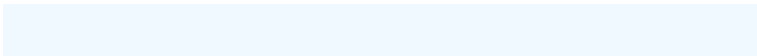
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5732, 0.3105, 0.3192



93.5732, 0.3206, 0.3398



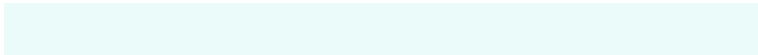
93.5732, 0.3013, 0.3204

Square

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



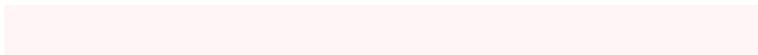
93.5732, 0.3206, 0.3398



93.5732, 0.3034, 0.3303



93.5732, 0.3048, 0.3184



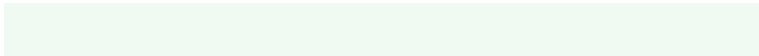
93.5732, 0.3221, 0.3277

Rectangle

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



93.5732, 0.3206, 0.3398



93.5732, 0.3106, 0.3370



93.5732, 0.3048, 0.3184



93.5732, 0.3148, 0.3212

Sweetspot

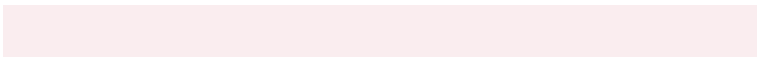
The Sweet Spot groups the original color and five complimentary colors.



93.5773, 0.3206, 0.3398



99.1678, 0.3157, 0.3331



87.1339, 0.3201, 0.3269



21.2348, 0.3156, 0.3329



0.0000, 0.0000, 0.0000



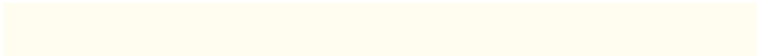
21.4041, 0.3127, 0.3290

Same Dimension

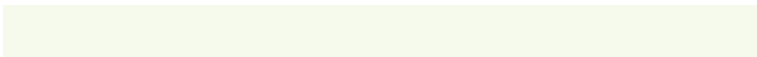
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5773, 0.3206, 0.3398



97.5355, 0.3218, 0.3415



94.0452, 0.3176, 0.3419



19.9325, 0.3228, 0.3428



35.6367, 0.4499, 0.4809



3.4210, 0.4457, 0.4843

Inverse Universe

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



86.6573, 0.3048, 0.3180



89.2530, 0.3035, 0.3162



86.2260, 0.3076, 0.3160



18.0627, 0.3025, 0.3148



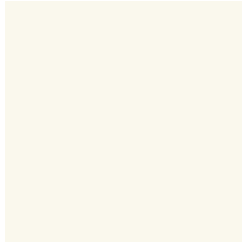
4.5658, 0.1536, 0.0730



0.5470, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 93.5732, 0.3206, 0.3398 looks on a white background.

Color Contrast Check

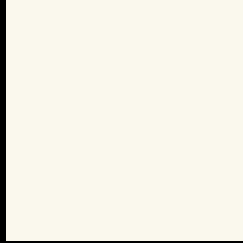
Large Text (above 18pt) WCAG AA × Fail

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 93.5732, 0.3206, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

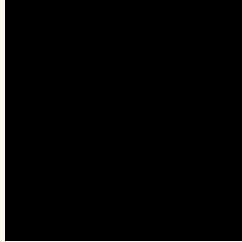
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

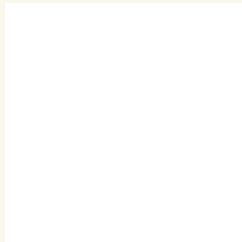
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5732, 0.3206, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 93.5732, 0.3206, 0.3398.

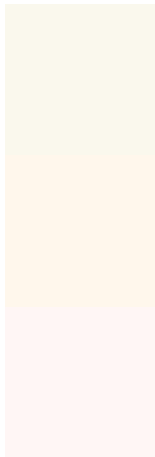


This preview shows how white text looks on a background with the Yxy color 93.5732, 0.3206, 0.3398.

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

93.5732, 0.3206, 0.3398

Protanopia

93.8377, 0.3245, 0.3397

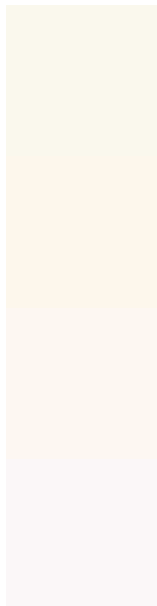
Deuteranopia

93.7641, 0.3191, 0.3300

Tritanopia

93.6408, 0.3106, 0.3203

Trichromacy



Original Color

93.5732, 0.3206, 0.3398

Protanomaly

93.4603, 0.3232, 0.3398

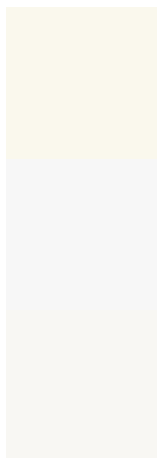
Deuteranomaly

93.8150, 0.3196, 0.3339

Tritanomaly

93.8081, 0.3147, 0.3280

Monochromacy



Original Color

93.5732, 0.3206, 0.3398

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9491, 0.3157, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5732, 0.3206, 0.3398 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(250, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 237)  
}
```

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(250, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 237) }
```

Border

The CSS property to change the border of an element to Yxy 93.5732, 0.3206, 0.3398 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(250, 248, 237) }
```

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

```
.border{ border-color:rgb(250, 248, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 248, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5732, 0.3206, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 237) }
```

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

```
.background{ background-color: rgb(250,  
248, 237) }
```

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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