

Converting Colors

$Y_{xy}(100.0000, 0.3550, 0.3517)$

Have a look what the booklet for
Yxy(100.0000, 0.3550, 0.3517)
contains.

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Color

Yxy(93.0555, 0.3332, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7DE
RGB	255, 247, 222
RGB Percent	100%, 97%, 87%
CMY	0.0000, 0.0314, 0.1295
CMYK	0.00, 0.03, 0.13, 0.00
HSL	45°, 100%, 94%
HSV	45°, 13%, 100%
XYZ	87.6869, 93.0555, 82.4236
YIQ	246.5420, 12.7930, -6.0790

Conversions

Conversions Part 2

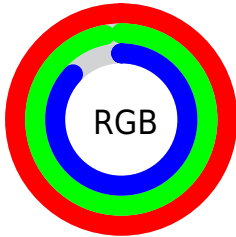
Format	Color
R_{YB}	233, 255, 222
Decimal	16775134
CIE _{Lab}	97.25, -1.40, 12.98
CIE _{LCh}	97, 13.059, 96.160
Yxy	93.0555, 0.3332, 0.3536
Android (android.graphics.Color)	4294965214 (0xFFFFF7DE)
YUV	246.5420, -12.0992, 7.4177
Hunter-Lab	96.4653, -6.5578, 16.8661

Details

The Yxy color **93.0555, 0.3332, 0.3536** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.3186, 0.2922, 0.3031**, and the grayscale version is **92.7109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0574, 0.3372, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **88.0773, 0.3504, 0.3734**, and if you desaturate by 10%, it is **98.3666, 0.3172, 0.3345**.

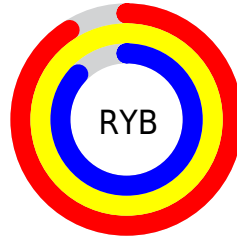
Distribution



Red (100%)

Green (97%)

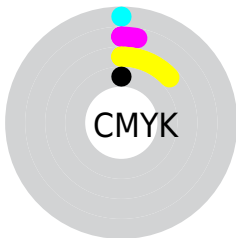
Blue (87%)



Red (91%)

Yellow (100%)

Blue (87%)

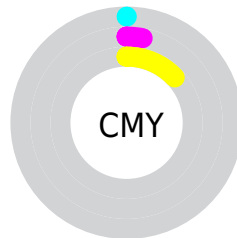


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0555, 0.3332, 0.3536 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 93.0555, 0.3332, 0.3536 by changing the saturation by 10% instead.


 93.0555, 0.3332,
0.3536

 93.0555, 0.3332,
0.3536

537.9210, 0.3241,
0.3427

 70.5176, 0.3352,
0.3560

151.5754, 0.3301,
0.3499

 51.9486, 0.3376,
0.3589


188.3263, 0.3289,
0.3484

 36.9641, 0.3405,
0.3625


230.5836, 0.3279,
0.3472

 25.1797, 0.3443,
0.3671

278.7318, 0.3269,
0.3460

 16.2110, 0.3492,
0.3731

333.1553, 0.3261,
0.3451

 9.6736, 0.3559,
0.3813

394.2383, 0.3254,

 5.1831, 0.3655,

0.3442

0.3933

462.3654, 0.3247,
0.3434

■ 2.3551, 0.3803,
0.4121

■ 0.8026, 0.4758,
0.5242

■ 93.0555, 0.3332,
0.3536

■ 93.0555, 0.3332,
0.3536

■ 88.0773, 0.3504,
0.3734

■ 98.3666, 0.3172,
0.3345

■ 83.4198, 0.3687,
0.3933

100.0000, 0.3127,
0.3290

■ 79.0726, 0.3875,
0.4126

■ 75.0235, 0.4062,
0.4303

■ 71.2593, 0.4242,
0.4453

■ 67.7654, 0.4404,
0.4567

■ 64.5249, 0.4542,
0.4635

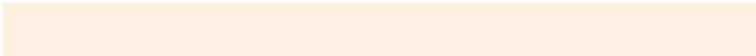
■ 61.5179, 0.4649,
0.4654

■ 59.5192, 0.4709,
0.4643

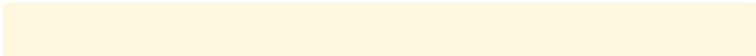
Harmonies

Analogous

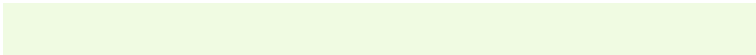
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0555, 0.3405, 0.3469



93.0555, 0.3332, 0.3536



93.0555, 0.3204, 0.3536

Triad

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



93.0555, 0.3332, 0.3536



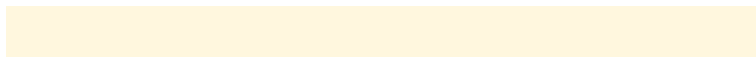
93.0555, 0.2860, 0.3212



93.0555, 0.3192, 0.3124

Complementary

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



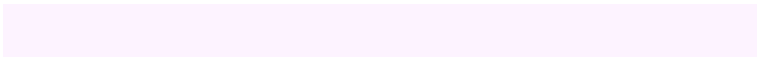
93.0555, 0.3332, 0.3536



79.3186, 0.2922, 0.3031

Split Complementary

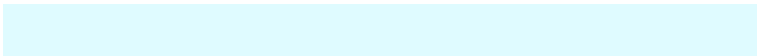
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0555, 0.3045, 0.3057



93.0555, 0.3332, 0.3536



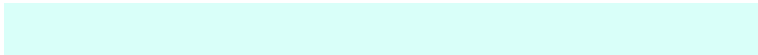
93.0555, 0.2856, 0.3105

Square

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



93.0555, 0.3332, 0.3536



93.0555, 0.2933, 0.3346



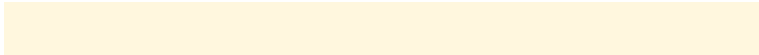
93.0555, 0.2923, 0.3049



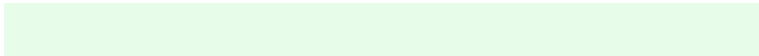
93.0555, 0.3324, 0.3232

Rectangle

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



93.0555, 0.3332, 0.3536



93.0555, 0.3107, 0.3496



93.0555, 0.2923, 0.3049



93.0555, 0.3143, 0.3096

Sweetspot

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



93.0560, 0.3332, 0.3536



97.7950, 0.3188, 0.3364



79.2116, 0.3308, 0.3208



20.8447, 0.3200, 0.3378



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

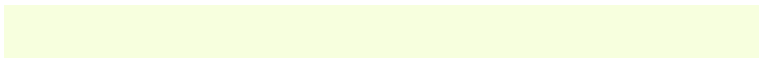
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0560, 0.3332, 0.3536



91.5046, 0.3383, 0.3596



96.5195, 0.3268, 0.3617



20.3017, 0.3275, 0.3469



31.3450, 0.4699, 0.4651



3.2216, 0.4629, 0.4707

Inverse Universe

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



79.3186, 0.2922, 0.3031



74.8989, 0.2870, 0.2964



76.3062, 0.2974, 0.2952



18.0917, 0.2979, 0.3104



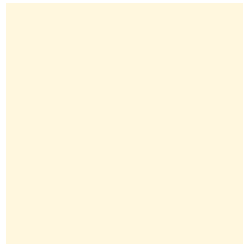
5.7500, 0.1575, 0.0869



0.7213, 0.1632, 0.1075

Previews

White Background



This preview shows how the Yxy color 93.0555, 0.3332, 0.3536 looks on a white background.

Color Contrast Check

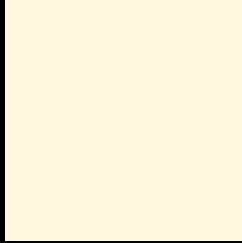
Large Text (above 18pt) WCAG AA × Fail

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 93.0555, 0.3332, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

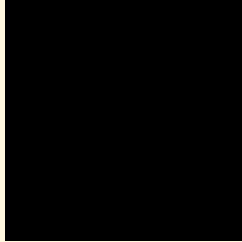
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.0555, 0.3332, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 93.0555, 0.3332, 0.3536.

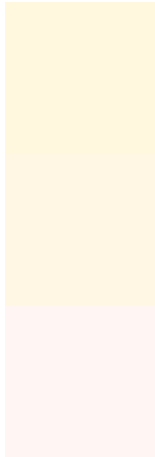


This preview shows how white text looks on a background with the Yxy color 93.0555, 0.3332, 0.3536.

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

93.0555, 0.3332, 0.3536

Protanopia

92.7730, 0.3296, 0.3466

Deuteranopia

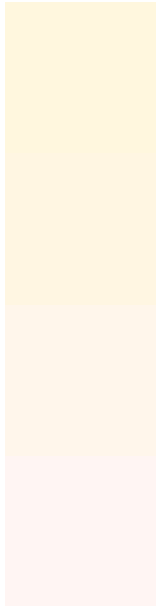
92.9756, 0.3210, 0.3319



Tritanopia

93.1814, 0.3132, 0.3185

Trichromacy



Original Color

93.0555, 0.3332, 0.3536

Protanomaly

92.6625, 0.3308, 0.3486

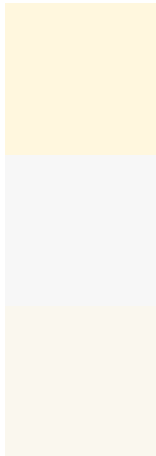
Deuteranomaly

93.1697, 0.3252, 0.3397

Tritanomaly

93.0359, 0.3204, 0.3310

Monochromacy



Original Color

93.0555, 0.3332, 0.3536

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0186, 0.3200, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0555, 0.3332, 0.3536 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, 247, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 222)  
}
```

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, 247, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 222) }
```

Border

The CSS property to change the border of an element to Yxy 93.0555, 0.3332, 0.3536 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, 247, 222) }
```

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

```
.border{ border-color:rgb(255, 247, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0555, 0.3332, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 222) }
```

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

```
.background{ background-color: rgb(255,  
247, 222) }
```

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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