

Converting Colors

$Y_{xy}(100.0000, 0.3635, 0.3514)$

Have a look what the booklet for
Yxy(100.0000, 0.3635, 0.3514)
contains.

Yxy(91.0758, 0.3354, 0.3537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.0758, 0.3354, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4DB
RGB	255, 244, 219
RGB Percent	100%, 96%, 86%
CMY	0.0002, 0.0431, 0.1411
CMYK	0.00, 0.04, 0.14, 0.00
HSL	42°, 100%, 93%
HSV	42°, 14%, 100%
XYZ	86.3637, 91.0758, 80.0550
YIQ	244.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

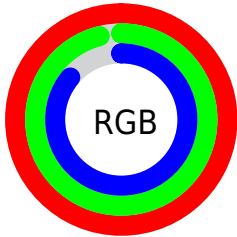
Format	Color
RYB	235, 255, 219
Decimal	16774363
CIELab	96.44, -0.38, 13.35
CIELCh	96, 13.357, 91.612
Yxy	91.0758, 0.3354, 0.3537
Android (android.graphics.Color)	4294964443 (0xFFFFF4DB)
YUV	244.4390, -12.5414, 9.2620
Hunter-Lab	95.4336, -5.4735, 17.0678

Details

The Yxy color **91.0758, 0.3354, 0.3537** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.8400, 0.2903, 0.3030**, and the grayscale version is **90.9286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6525, 0.3402, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **85.2700, 0.3533, 0.3720**, and if you desaturate by 10%, it is **97.2915, 0.3190, 0.3360**.

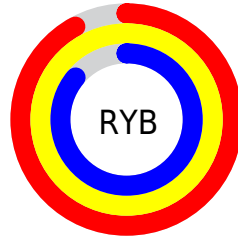
Distribution



Red (100%)

Green (96%)

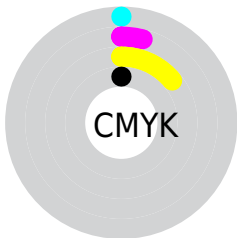
Blue (86%)



Red (92%)

Yellow (100%)

Blue (86%)

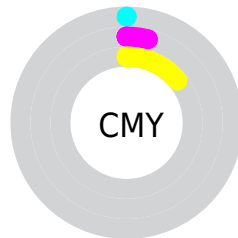


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0758, 0.3354, 0.3537 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 91.0758, 0.3354, 0.3537 by changing the saturation by 10% instead.

 91.0758, 0.3354,
0.3537

 91.0758, 0.3354,
0.3537

531.5242, 0.3253,
0.3427

 68.8733, 0.3376,
0.3561

148.8318, 0.3320,
0.3500

 50.6085, 0.3403,
0.3590


185.1541, 0.3306,
0.3485

 35.8971, 0.3436,
0.3627


226.9517, 0.3295,
0.3472

 24.3548, 0.3478,
0.3673

274.6091, 0.3284,
0.3461

 15.5970, 0.3534,
0.3734

328.5107, 0.3275,
0.3451

 9.2394, 0.3610,
0.3817

389.0408, 0.3267,

 4.8977, 0.3720,

0.3442

0.3938

456.5838, 0.3260,
0.3434

■ 2.1874, 0.3891,
0.4127

■ 0.7131, 0.4839,
0.5161

■ 91.0758, 0.3354,
0.3537

■ 91.0758, 0.3354,
0.3537

■ 85.2700, 0.3533,
0.3720

■ 97.2915, 0.3190,
0.3360

■ 79.8504, 0.3725,
0.3905

99.9900, 0.3127,
0.3290

■ 74.8084, 0.3927,
0.4084

■ 70.1308, 0.4132,
0.4247

■ 65.8029, 0.4332,
0.4383

■ 61.8085, 0.4517,
0.4482

■ 58.1292, 0.4677,
0.4534

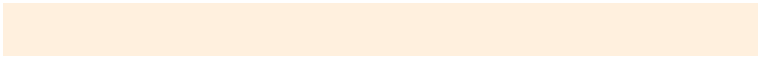
■ 54.7431, 0.4807,
0.4534

■ 52.8635, 0.4870,
0.4515

Harmonies

Analogous

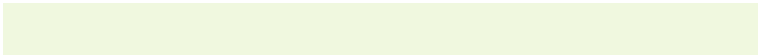
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0758, 0.3419, 0.3459



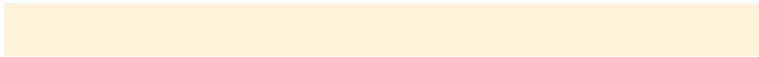
91.0758, 0.3354, 0.3537



91.0758, 0.3229, 0.3549

Triad

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



91.0758, 0.3354, 0.3537



91.0758, 0.2859, 0.3230



91.0758, 0.3171, 0.3105

Complementary

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



91.0758, 0.3354, 0.3537



78.8400, 0.2903, 0.3030

Split Complementary

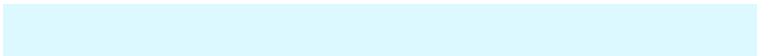
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0758, 0.3021, 0.3045



91.0758, 0.3354, 0.3537



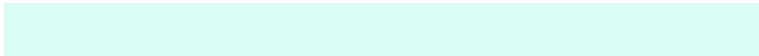
91.0758, 0.2844, 0.3113

Square

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



91.0758, 0.3354, 0.3537



91.0758, 0.2944, 0.3368



91.0758, 0.2902, 0.3047



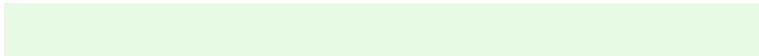
91.0758, 0.3312, 0.3212

Rectangle

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



91.0758, 0.3354, 0.3537



91.0758, 0.3129, 0.3515



91.0758, 0.2902, 0.3047



91.0758, 0.3120, 0.3079

Sweetspot

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



91.0798, 0.3354, 0.3537



97.3975, 0.3188, 0.3358



77.6566, 0.3310, 0.3177



20.7439, 0.3200, 0.3371



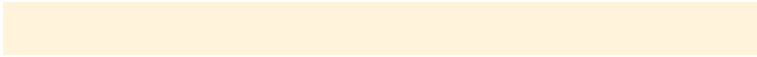
0.0000, 0.0000, 0.0000



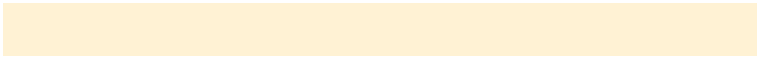
21.4041, 0.3127, 0.3290

Same Dimension

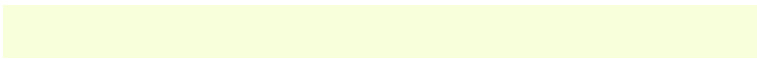
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0798, 0.3354, 0.3537



89.3924, 0.3405, 0.3590



96.6239, 0.3296, 0.3645



20.1036, 0.3277, 0.3455



27.9108, 0.4857, 0.4526



2.9104, 0.4762, 0.4601

Inverse Universe

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



78.8400, 0.2903, 0.3030



74.9242, 0.2854, 0.2971



73.9926, 0.2943, 0.2919



18.2783, 0.2979, 0.3120



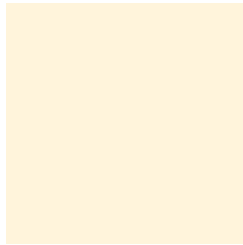
6.8140, 0.1612, 0.1003



0.8462, 0.1673, 0.1223

Previews

White Background



This preview shows how the Yxy color 91.0758, 0.3354, 0.3537 looks on a white background.

Color Contrast Check

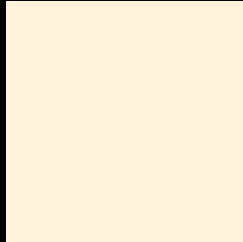
Large Text (above 18pt) WCAG AA × Fail

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 91.0758, 0.3354, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

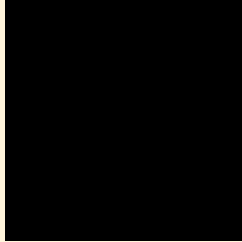
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.0758, 0.3354, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 91.0758, 0.3354, 0.3537.



This preview shows how white text looks on a background with the Yxy color 91.0758, 0.3354, 0.3537.

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

91.0758, 0.3354, 0.3537

Protanopia

91.0758, 0.3354, 0.3537

Deuteranopia

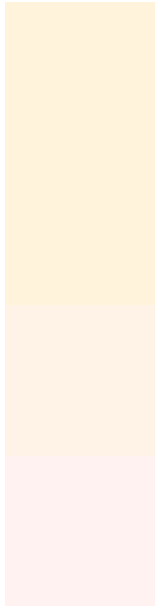
90.9373, 0.3237, 0.3329



Tritanopia

91.2624, 0.3146, 0.3175

Trichromacy



Original Color

91.0758, 0.3354, 0.3537

Protanomaly

91.0758, 0.3354, 0.3537

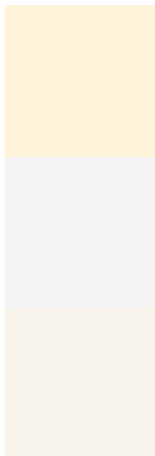
Deuteranomaly

91.1307, 0.3280, 0.3408

Tritanomaly

91.1151, 0.3219, 0.3300

Monochromacy



Original Color

91.0758, 0.3354, 0.3537

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.6560, 0.3208, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0758, 0.3354, 0.3537 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, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 219)  
}
```

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, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 219) }
```

Border

The CSS property to change the border of an element to Yxy 91.0758, 0.3354, 0.3537 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, 244, 219) }
```

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

```
.border{ border-color:rgb(255, 244, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0758, 0.3354, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 219) }
```

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

```
.background{ background-color: rgb(255,  
244, 219) }
```

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