

Converting Colors

$Y_{xy}(100.0000, 0.3573, 0.3528)$

Have a look what the booklet for
Yxy(100.0000, 0.3573, 0.3528)
contains.

Yxy(93.0020, 0.3338, 0.3546)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(93.0020, 0.3338, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7DD
RGB	255, 247, 221
RGB Percent	100%, 97%, 87%
CMY	0.0000, 0.0313, 0.1334
CMYK	0.00, 0.03, 0.13, 0.00
HSL	46°, 100%, 93%
HSV	46°, 13%, 100%
XYZ	87.5467, 93.0020, 81.7243
YIQ	246.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

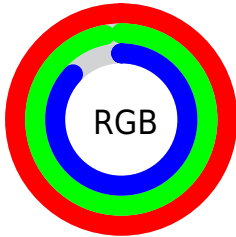
Format	Color
R _Y B	231, 255, 221
Decimal	16775133
CIE Lab	97.23, -1.57, 13.46
CIE LCh	97, 13.554, 96.640
Yxy	93.0020, 0.3338, 0.3546
Android (android.graphics.Color)	4294965213 (0xFFFFF7DD)
YUV	246.4280, -12.5360, 7.5176
Hunter-Lab	96.4375, -6.7221, 17.2620

Details

The Yxy color **93.0020, 0.3338, 0.3546** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.6018, 0.2915, 0.3020**, and the grayscale version is **92.6196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0205, 0.3380, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **88.1478, 0.3510, 0.3746**, and if you desaturate by 10%, it is **98.1883, 0.3178, 0.3353**.

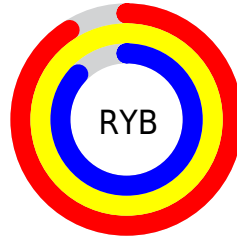
Distribution



Red (100%)

Green (97%)

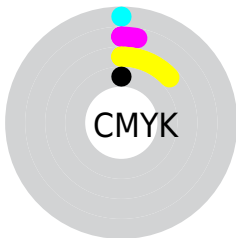
Blue (87%)



Red (91%)

Yellow (100%)

Blue (87%)

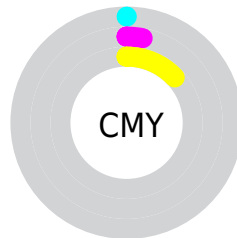


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0020, 0.3338, 0.3546 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 93.0020, 0.3338, 0.3546 by changing the saturation by 10% instead.


 93.0020, 0.3338,
0.3546

 93.0020, 0.3338,
0.3546


537.7486, 0.3245,
0.3432

 70.4732, 0.3358,
0.3571


151.5014, 0.3306,
0.3507

 51.9124, 0.3383,
0.3601


188.2407, 0.3294,
0.3492

 36.9352, 0.3413,
0.3639


230.4857, 0.3283,
0.3479

 25.1573, 0.3452,
0.3686

278.6207, 0.3274,
0.3467

 16.1943, 0.3502,
0.3749

333.0300, 0.3265,
0.3457

 9.6618, 0.3571,
0.3835

394.0982, 0.3258,

 5.1753, 0.3669,

0.3448

0.3959

462.2096, 0.3251,
0.3440

■ 2.3505, 0.3820,
0.4154

■ 0.8002, 0.4744,
0.5256

■ 93.0020, 0.3338,
0.3546

■ 93.0020, 0.3338,
0.3546

■ 88.1478, 0.3510,
0.3746

■ 98.1883, 0.3178,
0.3353

■ 83.6029, 0.3692,
0.3946

99.9986, 0.3127,
0.3290

■ 79.3604, 0.3879,
0.4140

■ 75.4083, 0.4064,
0.4318

■ 71.7335, 0.4240,
0.4469

■ 68.3214, 0.4399,
0.4582

■ 65.1552, 0.4533,
0.4649

■ 62.2148, 0.4636,
0.4668

■ 60.3631, 0.4691,
0.4658

Harmonies

Analogous

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



93.0020, 0.3415, 0.3477



93.0020, 0.3338, 0.3546



93.0020, 0.3205, 0.3545

Triad

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



93.0020, 0.3338, 0.3546



93.0020, 0.2849, 0.3207



93.0020, 0.3197, 0.3119

Complementary

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



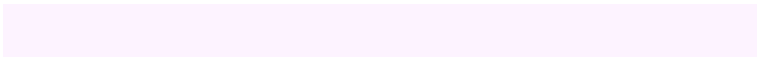
93.0020, 0.3338, 0.3546



78.6018, 0.2915, 0.3020

Split Complementary

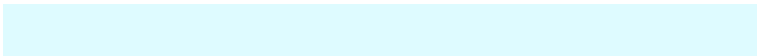
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0020, 0.3045, 0.3049



93.0020, 0.3338, 0.3546



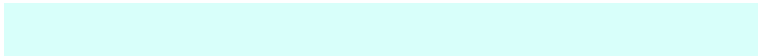
93.0020, 0.2846, 0.3096

Square

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



93.0020, 0.3338, 0.3546



93.0020, 0.2924, 0.3345



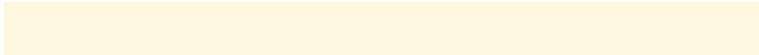
93.0020, 0.2917, 0.3040



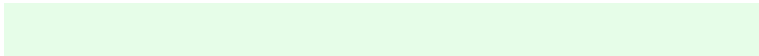
93.0020, 0.3333, 0.3232

Rectangle

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



93.0020, 0.3338, 0.3546



93.0020, 0.3103, 0.3503



93.0020, 0.2917, 0.3040



93.0020, 0.3146, 0.3090

Sweetspot

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



93.0061, 0.3338, 0.3546



97.8429, 0.3188, 0.3365



78.6419, 0.3314, 0.3206



20.8569, 0.3200, 0.3379



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

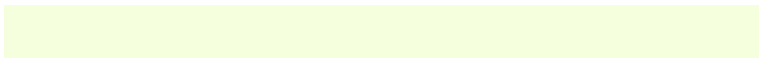
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0061, 0.3338, 0.3546



91.6890, 0.3383, 0.3599



96.4157, 0.3272, 0.3627



20.3257, 0.3275, 0.3471



31.7835, 0.4681, 0.4666



3.2610, 0.4613, 0.4719

Inverse Universe

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



78.6018, 0.2915, 0.3020



74.7354, 0.2870, 0.2961



75.6557, 0.2969, 0.2942



18.0693, 0.2979, 0.3102



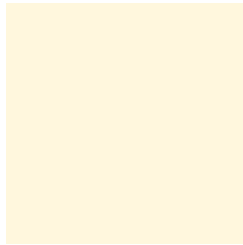
5.6396, 0.1571, 0.0855



0.7078, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 93.0020, 0.3338, 0.3546 looks on a white background.

Color Contrast Check

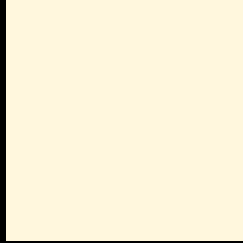
Large Text (above 18pt) WCAG AA × Fail

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 93.0020, 0.3338, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

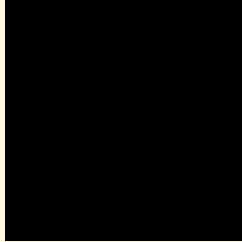
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

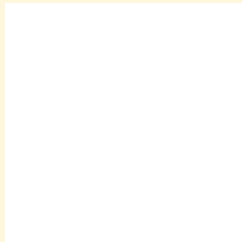
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0020, 0.3338, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 93.0020, 0.3338, 0.3546.



This preview shows how white text looks on a background with the Yxy color 93.0020, 0.3338, 0.3546.

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

93.0020, 0.3338, 0.3546

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

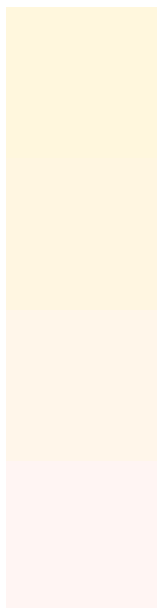
92.9756, 0.3210, 0.3319



Tritanopia

93.1814, 0.3132, 0.3185

Trichromacy



Original Color

93.0020, 0.3338, 0.3546

Protanomaly

92.6078, 0.3314, 0.3496

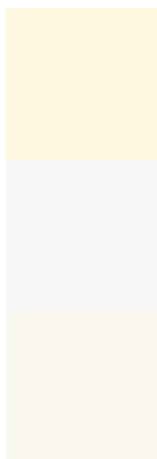
Deuteranomaly

93.1120, 0.3258, 0.3407

Tritanomaly

93.0359, 0.3204, 0.3310

Monochromacy



Original Color

93.0020, 0.3338, 0.3546

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1657, 0.3201, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0020, 0.3338, 0.3546 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 221) }
```

Border

The CSS property to change the border of an element to Yxy 93.0020, 0.3338, 0.3546 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, 221) }
```

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

```
.border{ border-color:rgb(255, 247, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0020, 0.3338, 0.3546 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
247, 221) }
```

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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