

Converting Colors

$Y_{xy}(100.0000, 0.3662, 0.3521)$

Have a look what the booklet for
Yxy(100.0000, 0.3662, 0.3521)
contains.

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Color

Yxy(91.0233, 0.3361, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4DA
RGB	255, 244, 218
RGB Percent	100%, 96%, 85%
CMY	0.0000, 0.0431, 0.1451
CMYK	0.00, 0.04, 0.15, 0.00
HSL	42°, 100%, 93%
HSV	42°, 15%, 100%
XYZ	86.2502, 91.0233, 79.3471
YIQ	244.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

Format	Color
R _Y B	234, 255, 218
Decimal	16774362
CIE Lab	96.42, -0.49, 13.85
CIE LCh	96, 13.857, 92.046
Yxy	91.0233, 0.3361, 0.3547
Android (android.graphics.Color)	4294964442 (0xFFFFF4DA)
YUV	244.3250, -12.9782, 9.3620
Hunter-Lab	95.4061, -5.5911, 17.4742

Details

The Yxy color **91.0233, 0.3361, 0.3547** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.1589, 0.2896, 0.3019**, and the grayscale version is **90.8365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6165, 0.3411, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **85.3215, 0.3540, 0.3732**, and if you desaturate by 10%, it is **97.1181, 0.3196, 0.3368**.

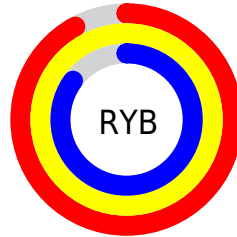
Distribution



Red (100%)

Green (96%)

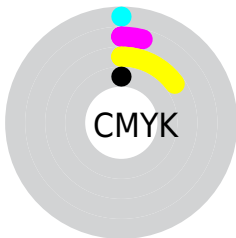
Blue (85%)



Red (92%)

Yellow (100%)

Blue (85%)

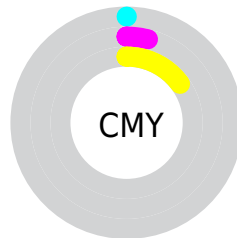


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0233, 0.3361, 0.3547 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 91.0233, 0.3361, 0.3547 by changing the saturation by 10% instead.


 91.0233, 0.3361,
0.3547

 91.0233, 0.3361,
0.3547


531.3540, 0.3257,
0.3433

 68.8297, 0.3384,
0.3572


148.7590, 0.3326,
0.3508

 50.5730, 0.3411,
0.3603


185.0698, 0.3312,
0.3493

 35.8689, 0.3446,
0.3640


226.8552, 0.3300,
0.3480

 24.3330, 0.3489,
0.3688

274.4996, 0.3289,
0.3468

 15.5808, 0.3546,
0.3752

328.3872, 0.3280,
0.3458

 9.2280, 0.3624,
0.3838

388.9026, 0.3271,

 4.8902, 0.3737,

0.3448

0.3964

456.4300, 0.3264,
0.3440

■ 2.1830, 0.3912,
0.4160

■ 0.7107, 0.4828,
0.5172

■ 91.0233, 0.3361,
0.3547

■ 91.0233, 0.3361,
0.3547

■ 85.3215, 0.3540,
0.3732

■ 97.1181, 0.3196,
0.3368

■ 80.0010, 0.3732,
0.3918

100.0000, 0.3127,
0.3290

■ 75.0496, 0.3932,
0.4098

■ 70.4539, 0.4135,
0.4261

■ 66.1995, 0.4332,
0.4398

■ 62.2702, 0.4513,
0.4496

■ 58.6477, 0.4670,
0.4547

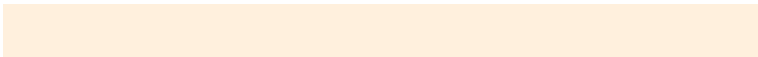
■ 55.3101, 0.4795,
0.4546

■ 53.5834, 0.4852,
0.4529

Harmonies

Analogous

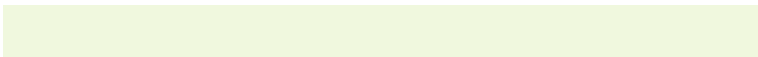
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0233, 0.3429, 0.3467



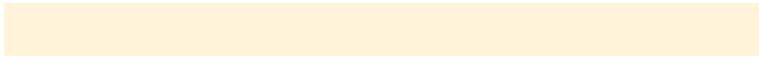
91.0233, 0.3361, 0.3547



91.0233, 0.3230, 0.3558

Triad

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



91.0233, 0.3361, 0.3547



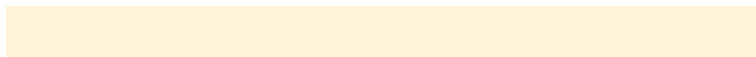
91.0233, 0.2848, 0.3225



91.0233, 0.3175, 0.3099

Complementary

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



91.0233, 0.3361, 0.3547



78.1589, 0.2896, 0.3019

Split Complementary

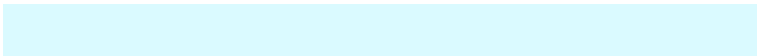
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0233, 0.3019, 0.3036



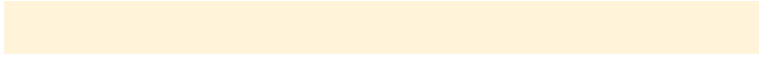
91.0233, 0.3361, 0.3547



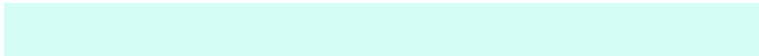
91.0233, 0.2834, 0.3104

Square

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



91.0233, 0.3361, 0.3547



91.0233, 0.2935, 0.3369



91.0233, 0.2895, 0.3037



91.0233, 0.3321, 0.3210

Rectangle

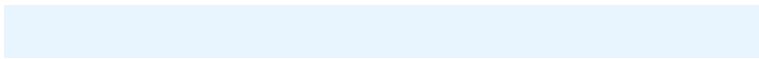
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.0233, 0.3361, 0.3547



91.0233, 0.3126, 0.3522



91.0233, 0.2895, 0.3037



91.0233, 0.3122, 0.3072

Sweetspot

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



91.0233, 0.3361, 0.3547



97.4413, 0.3188, 0.3359



77.0617, 0.3320, 0.3180



20.7550, 0.3200, 0.3372



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

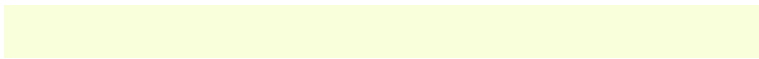
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0233, 0.3361, 0.3547



89.5687, 0.3404, 0.3593



96.4648, 0.3297, 0.3657



20.1254, 0.3277, 0.3456



28.2713, 0.4839, 0.4540



2.9433, 0.4747, 0.4613

Inverse Universe

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



78.1589, 0.2896, 0.3019



74.7643, 0.2854, 0.2968



73.4303, 0.2941, 0.2907



18.2576, 0.2979, 0.3118



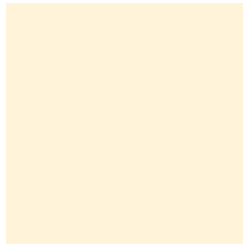
6.6835, 0.1608, 0.0987



0.8313, 0.1668, 0.1206

Previews

White Background



This preview shows how the Yxy color 91.0233, 0.3361, 0.3547 looks on a white background.

Color Contrast Check

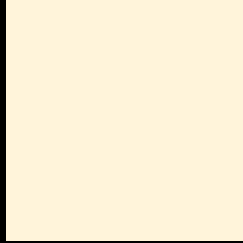
Large Text (above 18pt) WCAG AA × Fail

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 91.0233, 0.3361, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

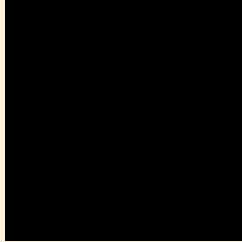
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.0233, 0.3361, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 91.0233, 0.3361, 0.3547.



This preview shows how white text looks on a background with the Yxy color 91.0233, 0.3361, 0.3547.

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

91.0233, 0.3361, 0.3547

Protanopia

91.0758, 0.3354, 0.3537

Deuteranopia

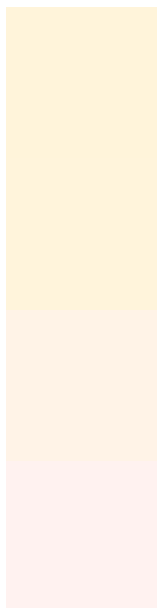
90.9373, 0.3237, 0.3329



Tritanopia

91.2624, 0.3146, 0.3175

Trichromacy



Original Color

91.0233, 0.3361, 0.3547

Protanomaly

91.0758, 0.3354, 0.3537

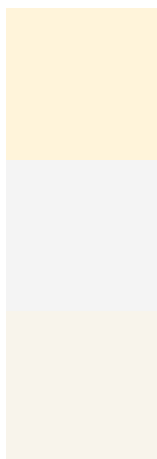
Deuteranomaly

91.1307, 0.3280, 0.3408

Tritanomaly

91.0555, 0.3225, 0.3310

Monochromacy



Original Color

91.0233, 0.3361, 0.3547

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 91.0233, 0.3361, 0.3547 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 218) }
```

Border

The CSS property to change the border of an element to Yxy 91.0233, 0.3361, 0.3547 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, 218) }
```

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

```
.border{ border-color:rgb(255, 244, 218) }
```

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, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0233, 0.3361, 0.3547 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
244, 218) }
```

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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