

Converting Colors

$Yxy(90.8776, 0.3350, 0.3654)$

Have a look what the booklet for
Yxy(90.8776, 0.3350, 0.3654)
contains.

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Color

Yxy(90.9988, 0.3346, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	F7F7D3
RGB	247, 247, 211
RGB Percent	97%, 97%, 83%
CMY	0.0314, 0.0313, 0.1725
CMYK	0.00, 0.00, 0.15, 0.03
HSL	60°, 69%, 90%
HSV	60°, 15%, 97%
XYZ	83.3740, 90.9988, 74.8024
YIQ	242.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

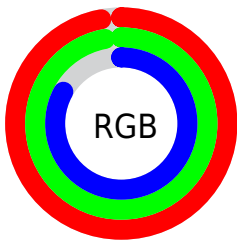
Format	Color
R _Y B	211, 247, 211
Decimal	16250835
CIE Lab	96.41, -5.89, 17.34
CIE LCh	96, 18.309, 108.775
Yxy	90.9988, 0.3346, 0.3652
Android (android.graphics.Color)	4294440915 (0xFFFF7F7D3)
YUV	242.8960, -15.7247, 3.5992
Hunter-Lab	95.3933, -10.9287, 20.2832

Details

The Yxy color **90.9988, 0.3346, 0.3652** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.1616, 0.2892, 0.2900**, and the grayscale version is **89.6630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6091, 0.3391, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **89.8551, 0.3499, 0.3905**, and if you desaturate by 10%, it is **92.3409, 0.3195, 0.3402**.

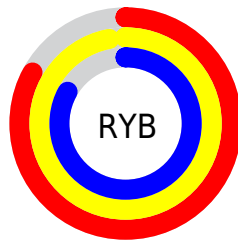
Distribution



Red (97%)

Green (97%)

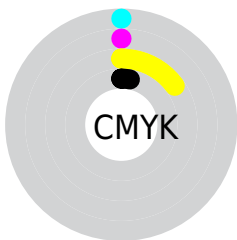
Blue (83%)



Red (83%)

Yellow (97%)

Blue (83%)

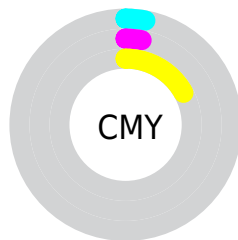


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (3%)



Cyan (3%)


Magenta (3%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9988, 0.3346, 0.3652 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 90.9988, 0.3346, 0.3652 by changing the saturation by 10% instead.


 90.9988, 0.3346,
0.3652

 90.9988, 0.3346,
0.3652


531.2746, 0.3250,
0.3489

 68.8093, 0.3367,
0.3688


148.7250, 0.3314,
0.3596

 50.5565, 0.3392,
0.3732


185.0305, 0.3301,
0.3575

 35.8557, 0.3423,
0.3787


226.8102, 0.3289,
0.3556

 24.3228, 0.3462,
0.3857

274.4484, 0.3280,
0.3539

 15.5732, 0.3512,
0.3949

328.3296, 0.3271,
0.3525

 9.2227, 0.3580,
0.4077

388.8380, 0.3263,

 4.8867, 0.3674,

0.3512

0.4264

456.3583, 0.3256,
0.3500

■ 2.1809, 0.3820,
0.4574

■ 0.7096, 0.4278,
0.5722

■ 90.9988, 0.3346,
0.3652

■ 90.9988, 0.3346,
0.3652

■ 89.8551, 0.3499,
0.3905

■ 92.3409, 0.3195,
0.3402

■ 88.8890, 0.3649,
0.4153


■ 93.5241, 0.3080,
0.3212


■ 88.0954, 0.3790,
0.4387

■ 93.5265, 0.3080,
0.3212


■ 87.4639, 0.3916,
0.4595


■ 93.5290, 0.3080,
0.3212

 86.9835, 0.4021,
0.4770


 93.5314, 0.3081,
0.3212


 86.6413, 0.4102,
0.4903


 93.5338, 0.3081,
0.3212


 86.4228, 0.4156,
0.4993

 93.5363, 0.3081,
0.3212

 86.3099, 0.4184,
0.5040

 93.5387, 0.3081,
0.3212

 86.2785, 0.4192,
0.5053

 93.5411, 0.3081,
0.3212

Harmonies

Analogous

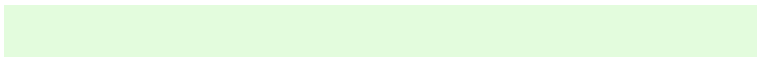
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9988, 0.3489, 0.3591



90.9988, 0.3346, 0.3652



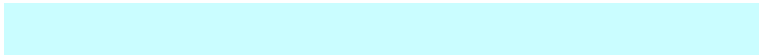
90.9988, 0.3147, 0.3611

Triad

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



90.9988, 0.3346, 0.3652



90.9988, 0.2738, 0.3107



90.9988, 0.3302, 0.3115

Complementary

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



90.9988, 0.3346, 0.3652



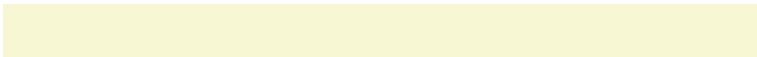
67.1616, 0.2892, 0.2900

Split Complementary

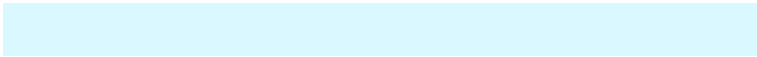
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9988, 0.3096, 0.2995



90.9988, 0.3346, 0.3652



90.9988, 0.2775, 0.2985

Square

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



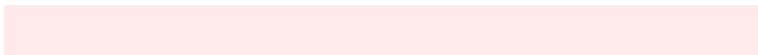
90.9988, 0.3346, 0.3652



90.9988, 0.2800, 0.3286



90.9988, 0.2904, 0.2947



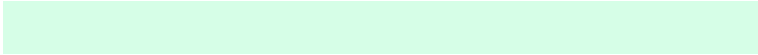
90.9988, 0.3464, 0.3280

Rectangle

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



90.9988, 0.3346, 0.3652



90.9988, 0.3011, 0.3528



90.9988, 0.2904, 0.2947



90.9988, 0.3236, 0.3069

Sweetspot

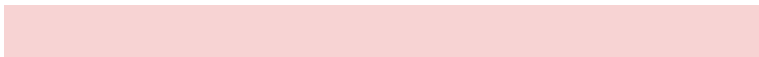
The Sweet Spot groups the original color and five complimentary colors.



91.0028, 0.3346, 0.3652



99.3593, 0.3186, 0.3388



71.0720, 0.3399, 0.3291



21.2420, 0.3197, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

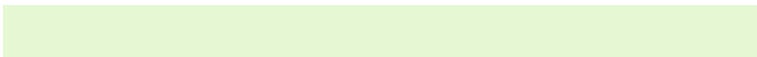
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0028, 0.3346, 0.3652



97.5114, 0.3384, 0.3714



87.8900, 0.3226, 0.3666



19.3131, 0.3268, 0.3524



45.6263, 0.4192, 0.5053



4.0103, 0.4192, 0.5053

Inverse Universe

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



67.1616, 0.2892, 0.2900



68.0807, 0.2848, 0.2828



69.9680, 0.3016, 0.2915



15.9272, 0.2979, 0.3045



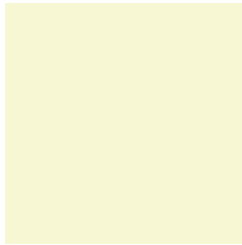
3.5522, 0.1500, 0.0600



0.3124, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 90.9988, 0.3346, 0.3652 looks on a white background.

Color Contrast Check

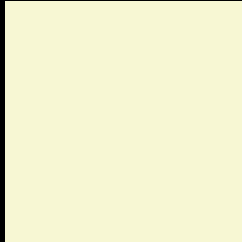
Large Text (above 18pt) WCAG AA × Fail

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 90.9988, 0.3346, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

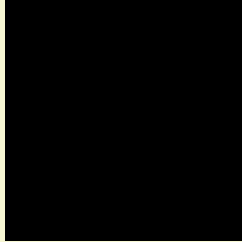
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

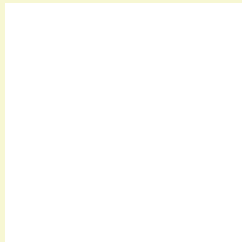
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.9988, 0.3346, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 90.9988, 0.3346, 0.3652.

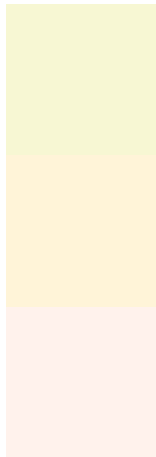


This preview shows how white text looks on a background with the Yxy color 90.9988, 0.3346, 0.3652.

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

90.9988, 0.3346, 0.3652

Protanopia

90.9192, 0.3373, 0.3567

Deuteranopia

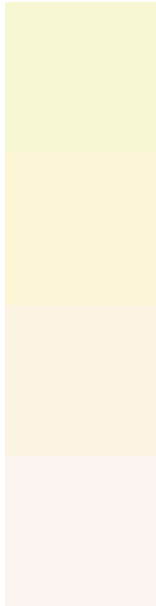
90.8204, 0.3250, 0.3349



Tritanopia

90.6398, 0.3108, 0.3155

Trichromacy



Original Color

90.9988, 0.3346, 0.3652

Protanomaly

90.8553, 0.3364, 0.3599

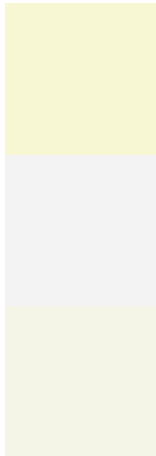
Deuteranomaly

90.9429, 0.3284, 0.3458

Tritanomaly

90.6572, 0.3197, 0.3330

Monochromacy



Original Color

90.9988, 0.3346, 0.3652

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.7040, 0.3206, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9988, 0.3346, 0.3652 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(247, 247, 211)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 211)  
}
```

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(247, 247, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 211) }
```

Border

The CSS property to change the border of an element to Yxy 90.9988, 0.3346, 0.3652 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(247, 247, 211) }
```

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

```
.border{ border-color:rgb(247, 247, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 211);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9988, 0.3346, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 211) }
```

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

```
.background{ background-color: rgb(247,  
247, 211) }
```

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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