

Converting Colors

$Yxy(90.7807, 0.3353, 0.3658)$

Have a look what the booklet for
Yxy(90.7807, 0.3353, 0.3658)
contains.

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Color

Yxy(90.9488, 0.3352, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	F7F7D2
RGB	247, 247, 210
RGB Percent	97%, 97%, 82%
CMY	0.0314, 0.0313, 0.1763
CMYK	0.00, 0.00, 0.15, 0.03
HSL	60°, 70%, 90%
HSV	60°, 15%, 97%
XYZ	83.2497, 90.9488, 74.1598
YIQ	242.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

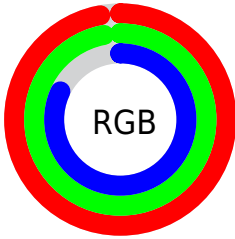
Format	Color
R _Y B	210, 247, 210
Decimal	16250834
CIE Lab	96.39, -6.04, 17.81
CIE LCh	96, 18.804, 108.744
Yxy	90.9488, 0.3352, 0.3662
Android (android.graphics.Color)	4294440914 (0xFFFF7F7D2)
YUV	242.7820, -16.1615, 3.6992
Hunter-Lab	95.3671, -11.0727, 20.6516

Details

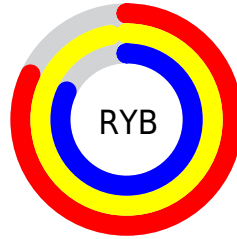
The Yxy color **90.9488, 0.3352, 0.3662** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.5354, 0.2885, 0.2889**, and the grayscale version is **89.5715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5753, 0.3398, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **89.8117, 0.3505, 0.3915**, and if you desaturate by 10%, it is **92.2840, 0.3201, 0.3412**.

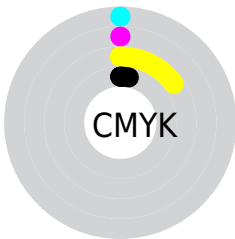
Distribution



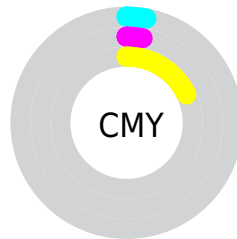
- Red (97%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9488, 0.3352, 0.3662 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 90.9488, 0.3352, 0.3662 by changing the saturation by 10% instead.


 90.9488, 0.3352,
0.3662

 90.9488, 0.3352,
0.3662


531.1124, 0.3253,
0.3495

 68.7678, 0.3373,
0.3699


148.6556, 0.3319,
0.3605

 50.5227, 0.3399,
0.3744


184.9503, 0.3305,
0.3582

 35.8289, 0.3431,
0.3800


226.7183, 0.3294,
0.3563

 24.3021, 0.3471,
0.3872

274.3440, 0.3284,
0.3546

 15.5578, 0.3522,
0.3967

328.2119, 0.3275,
0.3531

 9.2118, 0.3591,
0.4099

388.7064, 0.3267,

 4.8796, 0.3687,

0.3518

0.4291

456.2117, 0.3260,
0.3506

■ 2.1768, 0.3839,
0.4613

■ 0.7073, 0.4259,
0.5741

■ 90.9488, 0.3352,
0.3662

■ 90.9488, 0.3352,
0.3662

■ 89.8117, 0.3505,
0.3915

■ 92.2840, 0.3201,
0.3412

■ 88.8519, 0.3655,
0.4163


■ 93.5244, 0.3080,
0.3212


■ 88.0641, 0.3795,
0.4395


■ 93.5276, 0.3080,
0.3212

■ 87.4381, 0.3920,
0.4603


■ 93.5308, 0.3080,
0.3212

 86.9626, 0.4025,
0.4776

 93.5339, 0.3081,
0.3212

 86.6249, 0.4104,
0.4908


 93.5371, 0.3081,
0.3212

 86.4102, 0.4157,
0.4996

 93.5403, 0.3081,
0.3212

 86.3002, 0.4185,
0.5042

 93.5435, 0.3081,
0.3212

 86.2711, 0.4192,
0.5054

 93.5467, 0.3081,
0.3212

Harmonies

Analogous

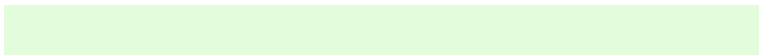
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9488, 0.3499, 0.3599



90.9488, 0.3352, 0.3662



90.9488, 0.3148, 0.3620

Triad

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



90.9488, 0.3352, 0.3662



90.9488, 0.2727, 0.3101



90.9488, 0.3307, 0.3110

Complementary

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



90.9488, 0.3352, 0.3662



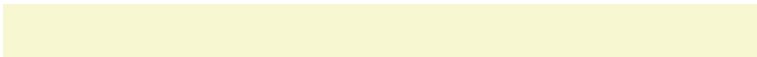
66.5354, 0.2885, 0.2889

Split Complementary

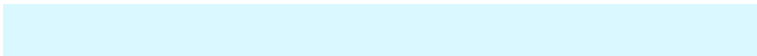
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9488, 0.3095, 0.2987



90.9488, 0.3352, 0.3662



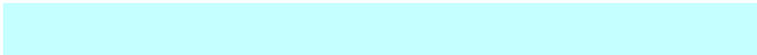
90.9488, 0.2766, 0.2977

Square

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



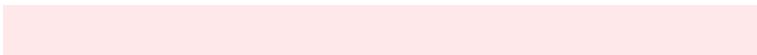
90.9488, 0.3352, 0.3662



90.9488, 0.2791, 0.3286



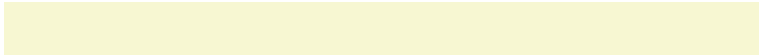
90.9488, 0.2898, 0.2938



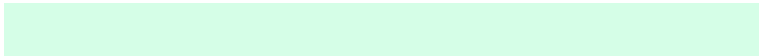
90.9488, 0.3474, 0.3279

Rectangle

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



90.9488, 0.3352, 0.3662



90.9488, 0.3008, 0.3535



90.9488, 0.2898, 0.2938



90.9488, 0.3238, 0.3063

Sweetspot

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



90.9528, 0.3352, 0.3662



99.3590, 0.3186, 0.3388



70.5397, 0.3408, 0.3291



21.2419, 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.



90.9528, 0.3352, 0.3662



97.3822, 0.3399, 0.3740



87.7610, 0.3228, 0.3677



19.3130, 0.3268, 0.3524



45.6224, 0.4192, 0.5054



4.0100, 0.4192, 0.5053

Inverse Universe

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



66.5354, 0.2885, 0.2889



66.4447, 0.2829, 0.2797



69.4044, 0.3013, 0.2904



15.9273, 0.2979, 0.3045



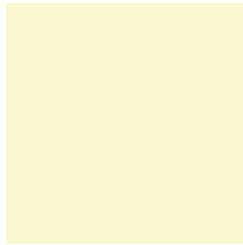
3.5524, 0.1500, 0.0600



0.3124, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 90.9488, 0.3352, 0.3662 looks on a white background.

Color Contrast Check

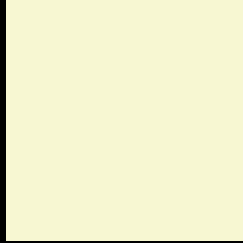
Large Text (above 18pt) WCAG AA × Fail

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 90.9488, 0.3352, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

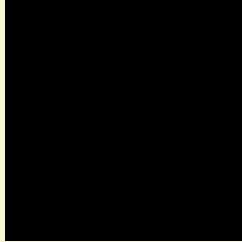
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.9488, 0.3352, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 90.9488, 0.3352, 0.3662.

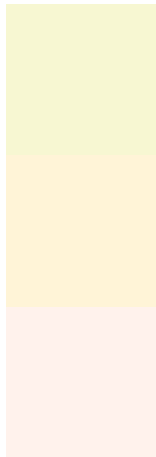


This preview shows how white text looks on a background with the Yxy color 90.9488, 0.3352, 0.3662.

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

90.9488, 0.3352, 0.3662

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

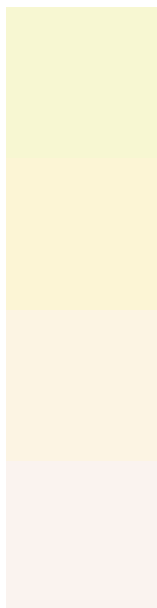
90.8204, 0.3250, 0.3349



Tritanopia

90.6398, 0.3108, 0.3155

Trichromacy



Original Color

90.9488, 0.3352, 0.3662

Protanomaly

90.8044, 0.3370, 0.3609

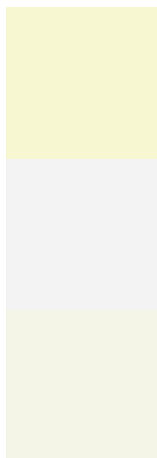
Deuteranomaly

90.9429, 0.3284, 0.3458

Tritanomaly

90.6572, 0.3197, 0.3330

Monochromacy



Original Color

90.9488, 0.3352, 0.3662

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 90.9488, 0.3352, 0.3662 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 210) }
```

Border

The CSS property to change the border of an element to Yxy 90.9488, 0.3352, 0.3662 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, 210) }
```

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

```
.border{ border-color:rgb(247, 247, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9488, 0.3352, 0.3662 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, 210) }
```

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

```
.background{ background-color: rgb(247,  
247, 210) }
```

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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