

Converting Colors

$Yxy(90.6216, 0.3484, 0.3876)$

Have a look what the booklet for
Yxy(90.6216, 0.3484, 0.3876)
contains.

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Color

Yxy(90.8090, 0.3481, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	F8F8BE
RGB	248, 248, 190
RGB Percent	97%, 97%, 75%
CMY	0.0274, 0.0274, 0.2548
CMYK	0.00, 0.00, 0.23, 0.03
HSL	60°, 81%, 86%
HSV	60°, 23%, 97%
XYZ	81.5758, 90.8090, 61.9610
YIQ	241.3880, 18.6180, -18.0380

Conversions

Conversions Part 2

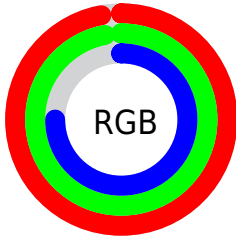
Format	Color
R_{YB}	190, 248, 190
Decimal	16316606
CIE _{Lab}	96.33, -9.02, 27.94
CIE _{LCh}	96, 29.360, 107.896
Yxy	90.8090, 0.3481, 0.3875
Android (android.graphics.Color)	4294506686 (0xFFFF8F8BE)
YUV	241.3880, -25.3343, 5.7987
Hunter-Lab	95.2938, -13.9600, 28.1546

Details

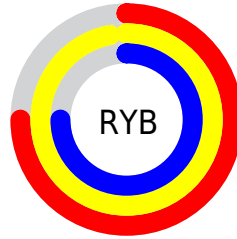
The Yxy color **90.8090, 0.3481, 0.3875** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.5704, 0.2728, 0.2629**, and the grayscale version is **88.4815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **50.5532, 0.3553, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **89.8187, 0.3632, 0.4124**, and if you desaturate by 10%, it is **91.9919, 0.3328, 0.3622**.

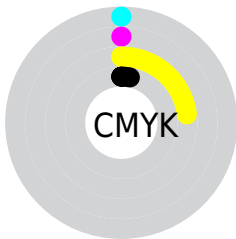
Distribution



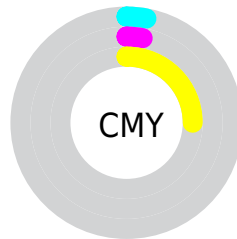
- Red (97%)
- Green (97%)
- Blue (75%)



- Red (75%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8090, 0.3481, 0.3875 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 90.8090, 0.3481, 0.3875 by changing the saturation by 10% instead.


 90.8090, 0.3481,
0.3875

 90.8090, 0.3481,
0.3875

530.6590, 0.3327,
0.3612

 68.6518, 0.3514,
0.3933

 148.4616, 0.3430,
0.3785

 50.4282, 0.3553,
0.4004


184.7259, 0.3409,
0.3750

 35.7538, 0.3600,
0.4092


226.4612, 0.3391,
0.3719

 24.2441, 0.3658,
0.4203

274.0521, 0.3375,
0.3692

 15.5148, 0.3731,
0.4349

327.8830, 0.3361,
0.3669

 9.1815, 0.3824,
0.4547


388.3381, 0.3349,


 4.8597, 0.3939,


0.3647

0.4825


455.8020, 0.3337,
0.3629


 2.1652, 0.4357,
0.5603


 0.7009, 0.3888,
0.6112


 90.8090, 0.3481,
0.3875


 90.8090, 0.3481,
0.3875


 89.8187, 0.3632,
0.4124


 91.9919, 0.3328,
0.3622


 88.9996, 0.3774,
0.4360


 93.3640, 0.3177,
0.3372


 88.3455, 0.3902,
0.4572

 94.3148, 0.3086,
0.3222


 87.8452, 0.4011,
0.4751


 94.3150, 0.3086,
0.3222


 87.4862, 0.4094,
0.4889


 94.3153, 0.3086,
0.3222


 87.2540, 0.4152,
0.4984


 94.3156, 0.3086,
0.3222

 87.1307, 0.4183,
0.5036

 94.3159, 0.3086,
0.3222

 87.0918, 0.4193,
0.5053

 94.3161, 0.3086,
0.3222

 94.3164, 0.3086,
0.3222

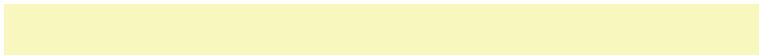
Harmonies

Analogous

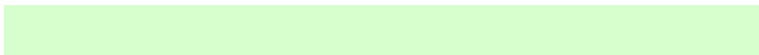
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8090, 0.3711, 0.3759



90.8090, 0.3481, 0.3875



90.8090, 0.3163, 0.3821

Triad

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



90.8090, 0.3481, 0.3875



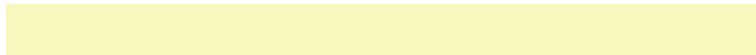
90.8090, 0.2514, 0.2996



90.8090, 0.3397, 0.3007

Complementary

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



90.8090, 0.3481, 0.3875



54.5704, 0.2728, 0.2629

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.



90.8090, 0.3064, 0.2825



90.8090, 0.3481, 0.3875



90.8090, 0.2567, 0.2807

Square

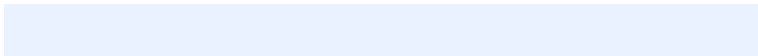
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.8090, 0.3481, 0.3875



90.8090, 0.2613, 0.3286



90.8090, 0.2763, 0.2750



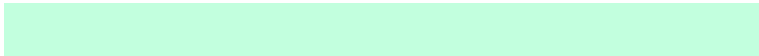
90.8090, 0.3665, 0.3259

Rectangle

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



90.8090, 0.3481, 0.3875



90.8090, 0.2947, 0.3687



90.8090, 0.2763, 0.2750



90.8090, 0.3288, 0.2936

Sweetspot

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



90.8131, 0.3481, 0.3875



98.9030, 0.3231, 0.3462



60.5174, 0.3613, 0.3291



21.1501, 0.3240, 0.3477



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

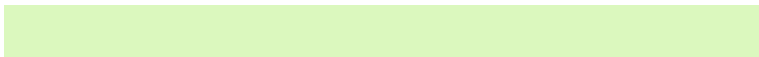
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8131, 0.3481, 0.3875



96.2231, 0.3552, 0.3992



85.9194, 0.3284, 0.3914



20.1907, 0.3269, 0.3524



47.0453, 0.4193, 0.5053



4.3572, 0.4193, 0.5053

Inverse Universe

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



54.5704, 0.2728, 0.2629



51.4766, 0.2635, 0.2476



58.6815, 0.2936, 0.2667



16.6431, 0.2979, 0.3045



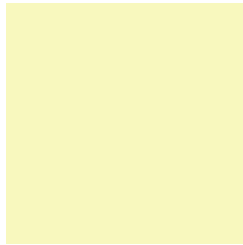
3.6612, 0.1500, 0.0600



0.3391, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 90.8090, 0.3481, 0.3875 looks on a white background.

Color Contrast Check

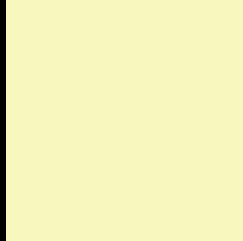
Large Text (above 18pt) WCAG AA × Fail

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 90.8090, 0.3481, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

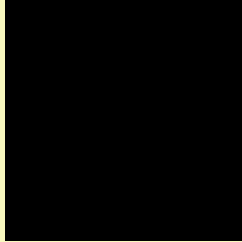
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.8090, 0.3481, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 90.8090, 0.3481, 0.3875.

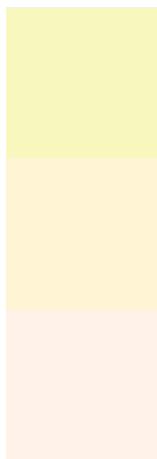


This preview shows how white text looks on a background with the Yxy color 90.8090, 0.3481, 0.3875.

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

90.8090, 0.3481, 0.3875

Protanopia

90.6645, 0.3405, 0.3617

Deuteranopia

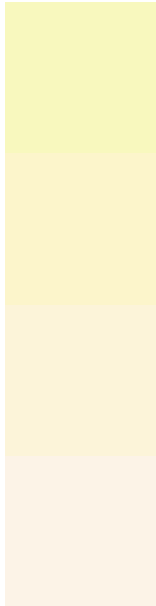
90.6475, 0.3269, 0.3378



Tritanopia

90.6110, 0.3127, 0.3146

Trichromacy



Original Color

90.8090, 0.3481, 0.3875

Protanomaly

90.3121, 0.3433, 0.3710

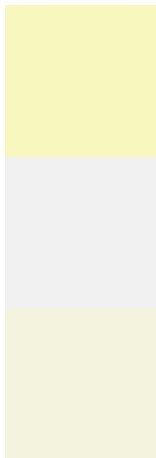
Deuteranomaly

90.4066, 0.3347, 0.3559

Tritanomaly

90.5662, 0.3260, 0.3409

Monochromacy



Original Color

90.8090, 0.3481, 0.3875

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.2084, 0.3261, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8090, 0.3481, 0.3875 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(248, 248, 190)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 190)  
}
```

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(248, 248, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 190) }
```

Border

The CSS property to change the border of an element to Yxy 90.8090, 0.3481, 0.3875 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(248, 248, 190) }
```

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

```
.border{ border-color:rgb(248, 248, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 190);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8090, 0.3481, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 190) }
```

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

```
.background{ background-color: rgb(248,  
248, 190) }
```

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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