

Converting Colors

$Yxy(90.6166, 0.3309, 0.3571)$

Have a look what the booklet for
Yxy(90.6166, 0.3309, 0.3571)
contains.

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Color

Yxy(90.7476, 0.3304, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	F7F6DA
RGB	247, 246, 218
RGB Percent	97%, 96%, 85%
CMY	0.0314, 0.0352, 0.1451
CMYK	0.00, 0.00, 0.12, 0.03
HSL	58°, 64%, 91%
HSV	58°, 12%, 97%
XYZ	83.9625, 90.7476, 79.4137
YIQ	243.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

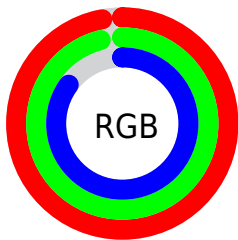
Format	Color
R _Y B	219, 247, 218
Decimal	16250586
CIE Lab	96.31, -4.32, 13.60
CIE LCh	96, 14.273, 107.632
Yxy	90.7476, 0.3304, 0.3571
Android (android.graphics.Color)	4294440666 (0xFFFF7F6DA)
YUV	243.1070, -12.3778, 3.4142
Hunter-Lab	95.2615, -9.3797, 17.2566

Details

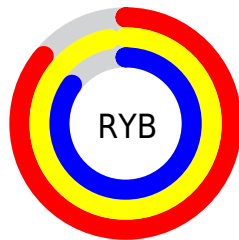
The Yxy color **90.7476, 0.3304, 0.3571** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.2617, 0.2941, 0.2993**, and the grayscale version is **89.8121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5476, 0.3346, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **89.0518, 0.3459, 0.3817**, and if you desaturate by 10%, it is **92.6463, 0.3153, 0.3331**.

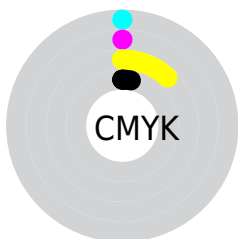
Distribution



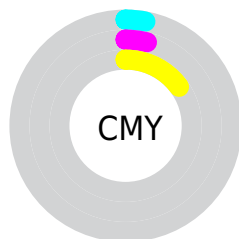
- Red (97%)
- Green (96%)
- Blue (85%)



- Red (86%)
- Yellow (97%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.7476, 0.3304, 0.3571 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 90.7476, 0.3304, 0.3571 by changing the saturation by 10% instead.

90.7476, 0.3304,
0.3571

90.7476, 0.3304,
0.3571

530.4598, 0.3226,
0.3445

68.6009, 0.3321,
0.3599

148.3764, 0.3278,
0.3528

50.3867, 0.3342,
0.3633

184.6273, 0.3267,
0.3511

35.7208, 0.3367,
0.3675

226.3483, 0.3258,
0.3496

24.2186, 0.3399,
0.3729

273.9239, 0.3250,
0.3484

15.4959, 0.3441,
0.3801

327.7384, 0.3243,
0.3472

9.1681, 0.3498,
0.3901

388.1763, 0.3237,

4.8510, 0.3580,

0.3462

0.4047

455.6220, 0.3231,
0.3453

■ 2.1601, 0.3703,
0.4283

■ 0.6981, 0.4442,
0.5558

■ 90.7476, 0.3304,
0.3571

■ 90.7476, 0.3304,
0.3571

■ 89.0518, 0.3459,
0.3817

■ 92.6463, 0.3153,
0.3331

■ 87.5384, 0.3615,
0.4060

■ 93.9200, 0.3080,
0.3219

■ 86.2024, 0.3765,
0.4293


■ 94.4283, 0.3080,
0.3227

■ 85.0337, 0.3903,
0.4505


■ 94.9389, 0.3079,
0.3235

 84.0214, 0.4023,
0.4687


 95.4517, 0.3079,
0.3243

 83.1535, 0.4120,
0.4830

 95.9668, 0.3079,
0.3251


 82.4158, 0.4190,
0.4930

 96.4841, 0.3079,
0.3259

 81.7915, 0.4234,
0.4985

 97.0037, 0.3078,
0.3267

 81.3396, 0.4254,
0.5005

 97.5256, 0.3078,
0.3275

Harmonies

Analogous

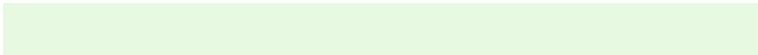
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7476, 0.3412, 0.3523



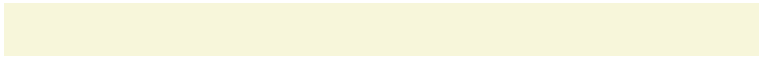
90.7476, 0.3304, 0.3571



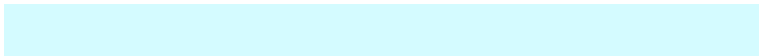
90.7476, 0.3150, 0.3541

Triad

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



90.7476, 0.3304, 0.3571



90.7476, 0.2822, 0.3153



90.7476, 0.3259, 0.3148

Complementary

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



90.7476, 0.3304, 0.3571



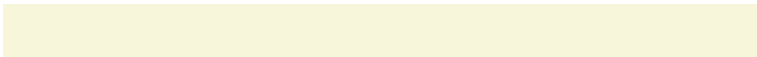
72.2617, 0.2941, 0.2993

Split Complementary

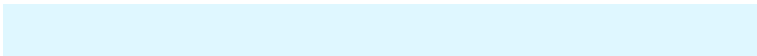
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7476, 0.3098, 0.3055



90.7476, 0.3304, 0.3571



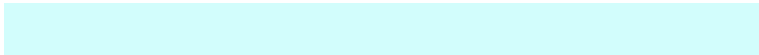
90.7476, 0.2848, 0.3054

Square

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



90.7476, 0.3304, 0.3571



90.7476, 0.2874, 0.3294



90.7476, 0.2948, 0.3020



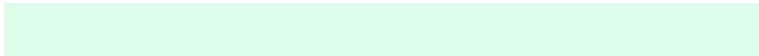
90.7476, 0.3386, 0.3278

Rectangle

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



90.7476, 0.3304, 0.3571



90.7476, 0.3043, 0.3479



90.7476, 0.2948, 0.3020



90.7476, 0.3206, 0.3112

Sweetspot

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



90.7516, 0.3304, 0.3571



99.1428, 0.3187, 0.3385



75.0474, 0.3329, 0.3276



21.1870, 0.3198, 0.3403



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

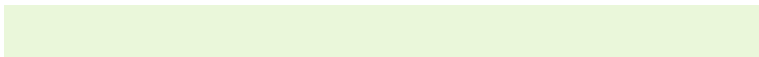
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.7516, 0.3304, 0.3571



97.1506, 0.3339, 0.3627



89.0540, 0.3216, 0.3588



19.2128, 0.3269, 0.3516



43.0689, 0.4253, 0.5005



3.8146, 0.4245, 0.5012

Inverse Universe

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



72.2617, 0.2941, 0.2993



73.7730, 0.2902, 0.2929



73.8482, 0.3030, 0.2990



16.0155, 0.2979, 0.3053



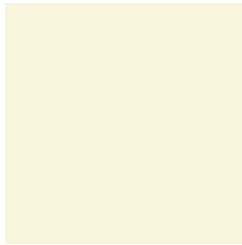
3.6868, 0.1506, 0.0621



0.3547, 0.1520, 0.0673

Previews

White Background



This preview shows how the Yxy color 90.7476, 0.3304, 0.3571 looks on a white background.

Color Contrast Check

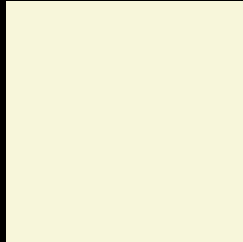
Large Text (above 18pt) WCAG AA × Fail

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 90.7476, 0.3304, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

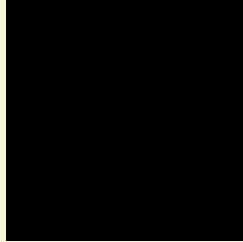
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

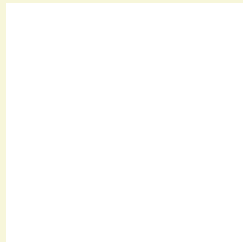
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.7476, 0.3304, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 90.7476, 0.3304, 0.3571.

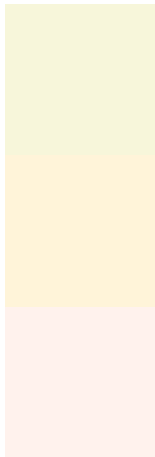


This preview shows how white text looks on a background with the Yxy color 90.7476, 0.3304, 0.3571.

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

90.7476, 0.3304, 0.3571

Protanopia

90.9711, 0.3367, 0.3557

Deuteranopia

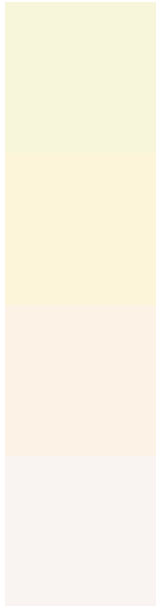
90.8787, 0.3244, 0.3339



Tritanopia

90.4546, 0.3101, 0.3154

Trichromacy



Original Color

90.7476, 0.3304, 0.3571

Protanomaly

91.0100, 0.3345, 0.3568

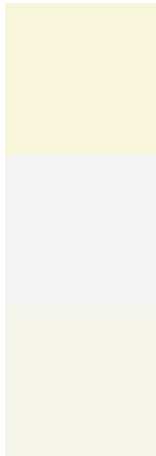
Deuteranomaly

90.5098, 0.3266, 0.3419

Tritanomaly

90.6517, 0.3172, 0.3300

Monochromacy



Original Color

90.7476, 0.3304, 0.3571

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8750, 0.3188, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.7476, 0.3304, 0.3571 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, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 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(247, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 218) }
```

Border

The CSS property to change the border of an element to Yxy 90.7476, 0.3304, 0.3571 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, 246, 218) }
```

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

```
.border{ border-color:rgb(247, 246, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 246, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 90.7476, 0.3304, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 218) }
```

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

```
.background{ background-color: rgb(247,  
246, 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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