

Converting Colors

$Yxy(91.6614, 0.3502, 0.3808)$

Have a look what the booklet for
Yxy(91.6614, 0.3502, 0.3808)
contains.

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Color

Yxy(91.7217, 0.3501, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7C3
RGB	255, 247, 195
RGB Percent	100%, 97%, 76%
CMY	0.0000, 0.0314, 0.2352
CMYK	0.00, 0.03, 0.24, 0.00
HSL	52°, 100%, 88%
HSV	52°, 24%, 100%
XYZ	84.3714, 91.7217, 64.8992
YIQ	243.4640, 21.4600, -14.4760

Conversions

Conversions Part 2

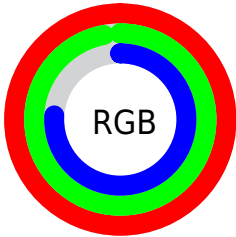
Format	Color
R _Y B	204, 255, 195
Decimal	16775107
CIE Lab	96.71, -5.27, 26.01
CIE LCh	97, 26.535, 101.459
Yxy	91.7217, 0.3501, 0.3806
Android (android.graphics.Color)	4294965187 (0xFFFFF7C3)
YUV	243.4640, -23.8928, 10.1171
Hunter-Lab	95.7714, -10.3475, 26.8623

Details

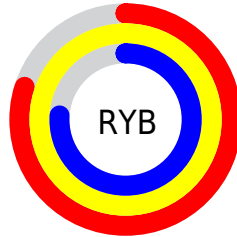
The Yxy color **91.7217, 0.3501, 0.3806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5554, 0.2732, 0.2715**, and the grayscale version is **90.1913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **51.1905, 0.3580, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **88.5907, 0.3669, 0.4029**, and if you desaturate by 10%, it is **95.0702, 0.3336, 0.3583**.

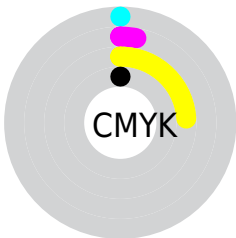
Distribution



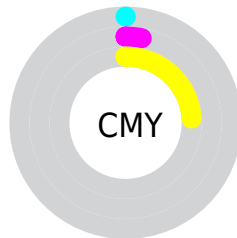
- Red (100%)
- Green (97%)
- Blue (76%)



- Red (80%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.7217, 0.3501, 0.3806 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 91.7217, 0.3501, 0.3806 by changing the saturation by 10% instead.


 91.7217, 0.3501,
0.3806

 91.7217, 0.3501,
0.3806


533.6157, 0.3337,
0.3576

 69.4095, 0.3536,
0.3856


149.7276, 0.3446,
0.3728

 51.0453, 0.3578,
0.3918


186.1901, 0.3424,
0.3697

 36.2446, 0.3630,
0.3994


228.1382, 0.3405,
0.3670

 24.6232, 0.3694,
0.4089

275.9562, 0.3388,
0.3646

 15.7965, 0.3776,
0.4214

330.0286, 0.3373,
0.3626

 9.3803, 0.3882,
0.4382

390.7397, 0.3360,

 4.9901, 0.4022,

0.3607

0.4617

458.4739, 0.3348,
0.3590

■ 2.2414, 0.4381,
0.5168

■ 0.7424, 0.4373,
0.5627

■ 91.7217, 0.3501,
0.3806

■ 91.7217, 0.3501,
0.3806

■ 88.5907, 0.3669,
0.4029

■ 95.0702, 0.3336,
0.3583

■ 85.6933, 0.3835,
0.4242

■ 98.6721, 0.3180,
0.3365

■ 83.0098, 0.3994,
0.4435

100.0000, 0.3127,
0.3290

■ 80.5278, 0.4139,
0.4600

■ 78.2337, 0.4261,
0.4725

■ 76.1117, 0.4357,
0.4806

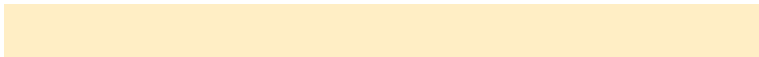
■ 74.1424, 0.4424,
0.4841

■ 72.9301, 0.4455,
0.4844

Harmonies

Analogous

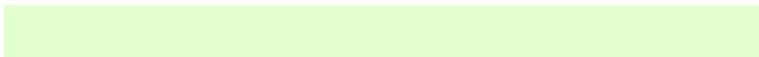
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7217, 0.3681, 0.3678



91.7217, 0.3501, 0.3806



91.7217, 0.3225, 0.3790

Triad

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



91.7217, 0.3501, 0.3806



91.7217, 0.2580, 0.3077



91.7217, 0.3308, 0.2991

Complementary

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



91.7217, 0.3501, 0.3806



61.5554, 0.2732, 0.2715

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.



91.7217, 0.3007, 0.2844



91.7217, 0.3501, 0.3806



91.7217, 0.2598, 0.2881

Square

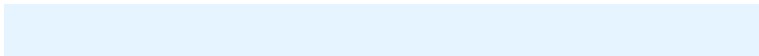
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.7217, 0.3501, 0.3806



91.7217, 0.2699, 0.3349



91.7217, 0.2751, 0.2802



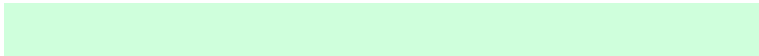
91.7217, 0.3569, 0.3211

Rectangle

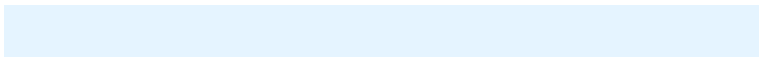
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.7217, 0.3501, 0.3806



91.7217, 0.3027, 0.3691



91.7217, 0.2751, 0.2802



91.7217, 0.3208, 0.2932

Sweetspot

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



91.7129, 0.3501, 0.3806



97.3905, 0.3233, 0.3440



64.6610, 0.3545, 0.3198



20.7986, 0.3243, 0.3453



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

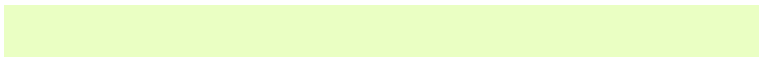
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7129, 0.3501, 0.3806



90.2858, 0.3576, 0.3906



92.9549, 0.3344, 0.3907



20.6521, 0.3272, 0.3494



38.2684, 0.4450, 0.4848



3.8359, 0.4417, 0.4875

Inverse Universe

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



61.5554, 0.2732, 0.2715



55.5641, 0.2646, 0.2588



60.8616, 0.2869, 0.2650



17.7690, 0.2979, 0.3077



4.4921, 0.1528, 0.0701



0.5523, 0.1572, 0.0859

Previews

White Background



This preview shows how the Yxy color 91.7217, 0.3501, 0.3806 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 91.7217, 0.3501, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

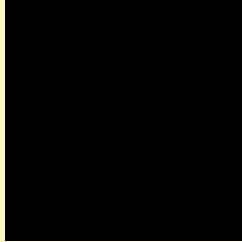
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.7217, 0.3501, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 91.7217, 0.3501, 0.3806.

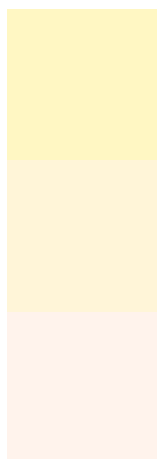


This preview shows how white text looks on a background with the Yxy color 91.7217, 0.3501, 0.3806.

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

91.7217, 0.3501, 0.3806

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

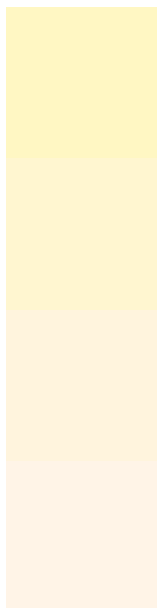
91.4173, 0.3249, 0.3359



Tritanopia

91.7925, 0.3151, 0.3194

Trichromacy



Original Color

91.7217, 0.3501, 0.3806

Protanomaly

91.7256, 0.3421, 0.3666

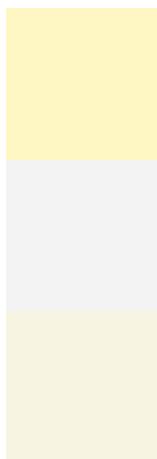
Deuteranomaly

91.1818, 0.3342, 0.3517

Tritanomaly

91.7309, 0.3279, 0.3418

Monochromacy



Original Color

91.7217, 0.3501, 0.3806

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.9665, 0.3257, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7217, 0.3501, 0.3806 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, 247, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 195)  
}
```

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, 247, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 195) }
```

Border

The CSS property to change the border of an element to Yxy 91.7217, 0.3501, 0.3806 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, 247, 195) }
```

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

```
.border{ border-color:rgb(255, 247, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7217, 0.3501, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 195) }
```

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

```
.background{ background-color: rgb(255,  
247, 195) }
```

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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