

Converting Colors

$Yxy(95.6853, 0.3682, 0.3889)$

Have a look what the booklet for
Yxy(95.6853, 0.3682, 0.3889)
contains.

Yxy(91.8976, 0.3561, 0.3916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.8976, 0.3561, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8B9
RGB	255, 248, 185
RGB Percent	100%, 97%, 73%
CMY	0.0000, 0.0274, 0.2747
CMYK	0.00, 0.03, 0.27, 0.00
HSL	54°, 100%, 86%
HSV	54°, 27%, 100%
XYZ	83.5667, 91.8976, 59.2078
YIQ	242.9110, 24.3950, -18.1090

Conversions

Conversions Part 2

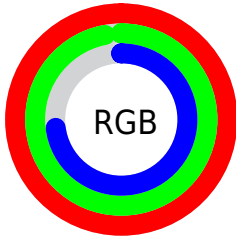
Format	Color
R _Y B	193, 255, 185
Decimal	16775353
CIE Lab	96.78, -7.11, 31.20
CIE LCh	97, 32.003, 102.845
Yxy	91.8976, 0.3561, 0.3916
Android (android.graphics.Color)	4294965433 (0xFFFFF8B9)
YUV	242.9110, -28.5501, 10.6021
Hunter-Lab	95.8632, -12.1571, 30.4851

Details

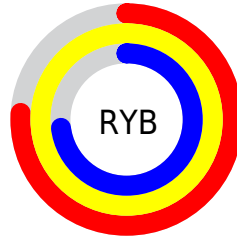
The Yxy color **91.8976, 0.3561, 0.3916** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.2085, 0.2654, 0.2575**, and the grayscale version is **89.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **51.3437, 0.3654, 0.4058** is the 20% darker color. If you saturate the color by 10%, you get **89.3597, 0.3724, 0.4143**, and if you desaturate by 10%, it is **94.6496, 0.3398, 0.3685**.

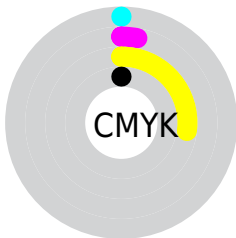
Distribution



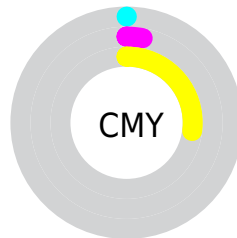
- Red (100%)
- Green (97%)
- Blue (73%)



- Red (76%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8976, 0.3561, 0.3916 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 91.8976, 0.3561, 0.3916 by changing the saturation by 10% instead.


 91.8976, 0.3561,
0.3916

 91.8976, 0.3561,
0.3916

534.1845, 0.3373,
0.3636

 69.5556, 0.3601,
0.3977

 149.9715, 0.3498,
0.3821

 51.1643, 0.3649,
0.4051


186.4721, 0.3473,
0.3784

 36.3394, 0.3706,
0.4142


228.4610, 0.3451,
0.3751

 24.6964, 0.3777,
0.4257

276.3227, 0.3432,
0.3722

 15.8510, 0.3865,
0.4405

330.4415, 0.3414,
0.3697

 9.4188, 0.3976,
0.4602

391.2018, 0.3399,

 5.0153, 0.4113,

0.3675

0.4869

458.9880, 0.3385,
0.3655

■ 2.2563, 0.4487,
0.5513

■ 0.7504, 0.4183,
0.5817

■ 91.8976, 0.3561,
0.3916

■ 91.8976, 0.3561,
0.3916

■ 89.3597, 0.3724,
0.4143

■ 94.6496, 0.3398,
0.3685

■ 87.0259, 0.3881,
0.4355

■ 97.6259, 0.3240,
0.3456

■ 84.8849, 0.4026,
0.4543

100.0000, 0.3127,
0.3290

■ 82.9239, 0.4153,
0.4697

■ 81.1286, 0.4254,
0.4809

■ 79.4821, 0.4328,
0.4875

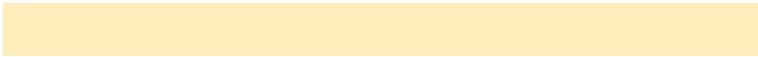
■ 77.9625, 0.4375,
0.4899

■ 77.5896, 0.4384,
0.4901

Harmonies

Analogous

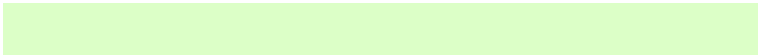
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8976, 0.3787, 0.3761



91.8976, 0.3561, 0.3916



91.8976, 0.3225, 0.3893

Triad

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



91.8976, 0.3561, 0.3916



91.8976, 0.2471, 0.3015



91.8976, 0.3360, 0.2944

Complementary

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



91.8976, 0.3561, 0.3916



55.2085, 0.2654, 0.2575

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.



91.8976, 0.2997, 0.2765



91.8976, 0.3561, 0.3916



91.8976, 0.2501, 0.2790

Square

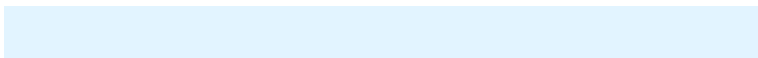
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.8976, 0.3561, 0.3916



91.8976, 0.2604, 0.3343



91.8976, 0.2687, 0.2707



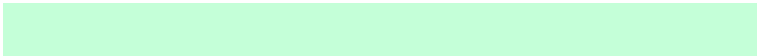
91.8976, 0.3672, 0.3206

Rectangle

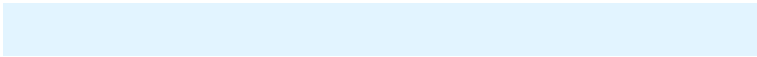
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.8976, 0.3561, 0.3916



91.8976, 0.2988, 0.3767



91.8976, 0.2687, 0.2707



91.8976, 0.3239, 0.2873

Sweetspot

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



91.8974, 0.3561, 0.3916



97.4616, 0.3248, 0.3468



59.7443, 0.3668, 0.3219



20.7622, 0.3272, 0.3502



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

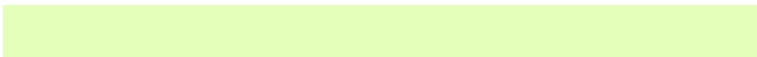
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8974, 0.3561, 0.3916



90.4676, 0.3651, 0.4043



91.3491, 0.3356, 0.4024



20.7622, 0.3272, 0.3502



40.6686, 0.4381, 0.4904



4.0457, 0.4356, 0.4923

Inverse Universe

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



55.2085, 0.2654, 0.2575



48.2043, 0.2544, 0.2405



56.0425, 0.2843, 0.2536



17.6695, 0.2979, 0.3069



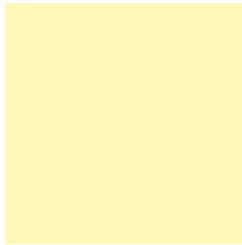
4.2420, 0.1519, 0.0666



0.5056, 0.1555, 0.0796

Previews

White Background



This preview shows how the Yxy color 91.8976, 0.3561, 0.3916 looks on a white background.

Color Contrast Check

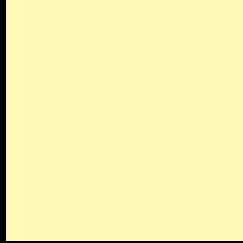
Large Text (above 18pt) WCAG AA × Fail

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 91.8976, 0.3561, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

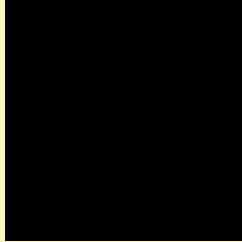
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.8976, 0.3561, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 91.8976, 0.3561, 0.3916.



This preview shows how white text looks on a background with the Yxy color 91.8976, 0.3561, 0.3916.

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

91.8976, 0.3561, 0.3916

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

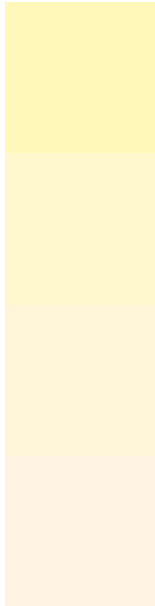
92.0175, 0.3248, 0.3368



Tritanopia

91.7925, 0.3151, 0.3194

Trichromacy



Original Color

91.8976, 0.3561, 0.3916

Protanomaly

92.1893, 0.3438, 0.3706

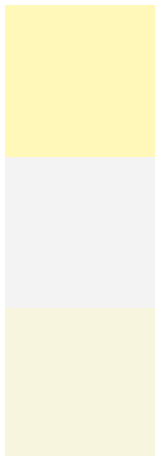
Deuteranomaly

91.5746, 0.3366, 0.3567

Tritanomaly

91.5628, 0.3298, 0.3447

Monochromacy



Original Color

91.8976, 0.3561, 0.3916

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3529, 0.3280, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8976, 0.3561, 0.3916 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, 248, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 185)  
}
```

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, 248, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 185) }
```

Border

The CSS property to change the border of an element to Yxy 91.8976, 0.3561, 0.3916 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, 248, 185) }
```

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

```
.border{ border-color:rgb(255, 248, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8976, 0.3561, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 185) }
```

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

```
.background{ background-color: rgb(255,  
248, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor