

Converting Colors

$Y_{xy}(102.6016, 0.3802, 0.3832)$

Have a look what the booklet for
Yxy(102.6016, 0.3802, 0.3832)
contains.

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Color

Yxy(93.9721, 0.3523, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBBE
RGB	255, 251, 190
RGB Percent	100%, 98%, 75%
CMY	0.0000, 0.0157, 0.2549
CMYK	0.00, 0.02, 0.25, 0.00
HSL	56°, 100%, 87%
HSV	56°, 25%, 100%
XYZ	85.0408, 93.9721, 62.3745
YIQ	245.2420, 21.9650, -18.1230

Conversions

Conversions Part 2

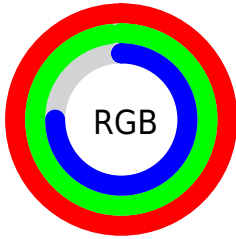
Format	Color
R_{YB}	194, 255, 190
Decimal	16776126
CIE _{Lab}	97.62, -7.95, 29.79
CIE _{LCh}	98, 30.835, 104.932
Yxy	93.9721, 0.3523, 0.3893
Android (android.graphics.Color)	4294966206 (0xFFFFBBE)
YUV	245.2420, -27.2343, 8.5578
Hunter-Lab	96.9392, -13.0529, 29.7079

Details

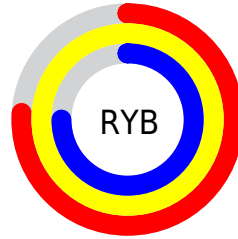
The Yxy color **93.9721, 0.3523, 0.3893** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.7567, 0.2690, 0.2606**, and the grayscale version is **91.7238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **52.8136, 0.3605, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **91.9734, 0.3681, 0.4129**, and if you desaturate by 10%, it is **96.1700, 0.3364, 0.3653**.

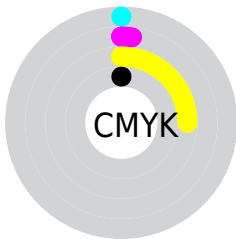
Distribution



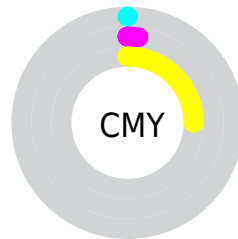
- Red (100%)
- Green (98%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.9721, 0.3523, 0.3893 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 93.9721, 0.3523, 0.3893 by changing the saturation by 10% instead.


 93.9721, 0.3523,
0.3893

 93.9721, 0.3523,
0.3893


540.8690, 0.3352,
0.3624

 71.2797, 0.3559,
0.3952


 152.8438, 0.3466,
0.3802

 52.5705, 0.3602,
0.4023

189.7919, 0.3443,
0.3766

 37.4600, 0.3654,
0.4111


232.2606, 0.3423,
0.3734

 25.5639, 0.3718,
0.4221

280.6345, 0.3406,
0.3707

 16.4977, 0.3798,
0.4365

335.2979, 0.3390,
0.3683

 9.8770, 0.3899,
0.4556

396.6352, 0.3376,

 5.3175, 0.4025,

0.3661

0.4820

465.0308, 0.3363,
0.3641

■ 2.4347, 0.4411,
0.5496

■ 0.8437, 0.4188,
0.5812

■ 93.9721, 0.3523,
0.3893

■ 93.9721, 0.3523,
0.3893

■ 91.9734, 0.3681,
0.4129

■ 96.1700, 0.3364,
0.3653

■ 90.1697, 0.3832,
0.4351

■ 98.5826, 0.3209,
0.3416

■ 88.5480, 0.3971,
0.4550

100.0000, 0.3127,
0.3290

■ 87.0959, 0.4091,
0.4715

■ 85.7996, 0.4186,
0.4839

■ 84.6429, 0.4254,
0.4919

■ 83.6057, 0.4295,
0.4955

■ 83.1638, 0.4307,
0.4962

Harmonies

Analogous

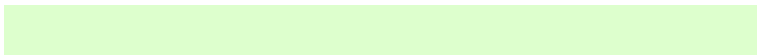
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9721, 0.3749, 0.3757



93.9721, 0.3523, 0.3893



93.9721, 0.3198, 0.3856

Triad

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



93.9721, 0.3523, 0.3893



93.9721, 0.2495, 0.3010



93.9721, 0.3374, 0.2974

Complementary

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



93.9721, 0.3523, 0.3893



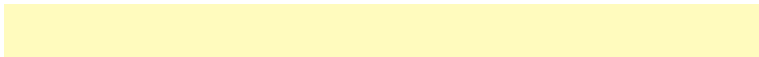
56.7567, 0.2690, 0.2606

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.



93.9721, 0.3027, 0.2795



93.9721, 0.3523, 0.3893



93.9721, 0.2534, 0.2802

Square

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



93.9721, 0.3523, 0.3893



93.9721, 0.2612, 0.3318



93.9721, 0.2723, 0.2730



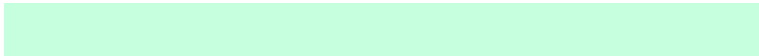
93.9721, 0.3665, 0.3230

Rectangle

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



93.9721, 0.3523, 0.3893



93.9721, 0.2971, 0.3728



93.9721, 0.2723, 0.2730



93.9721, 0.3259, 0.2904

Sweetspot

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



93.9701, 0.3523, 0.3893



97.9559, 0.3248, 0.3475



62.0005, 0.3636, 0.3246



20.8877, 0.3271, 0.3511



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

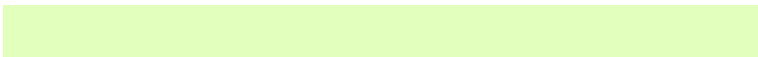
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9701, 0.3523, 0.3893



92.8449, 0.3610, 0.4024



91.5424, 0.3326, 0.3970



20.8877, 0.3271, 0.3511



43.5372, 0.4305, 0.4964



4.2948, 0.4291, 0.4975

Inverse Universe

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



56.7567, 0.2690, 0.2606



49.4187, 0.2580, 0.2432



58.9819, 0.2883, 0.2599



17.5572, 0.2978, 0.3059



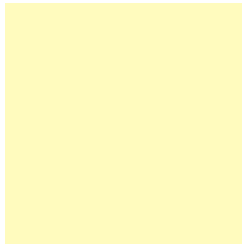
4.0303, 0.1510, 0.0637



0.4526, 0.1534, 0.0723

Previews

White Background



This preview shows how the Yxy color 93.9721, 0.3523, 0.3893 looks on a white background.

Color Contrast Check

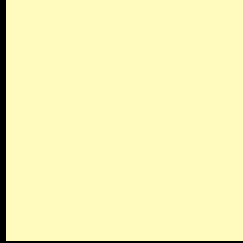
Large Text (above 18pt) WCAG AA × Fail

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 93.9721, 0.3523, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

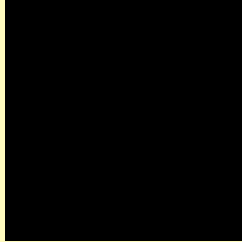
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9721, 0.3523, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 93.9721, 0.3523, 0.3893.

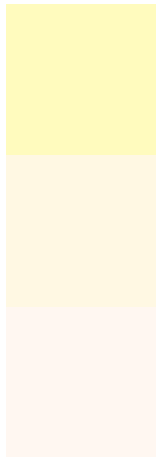


This preview shows how white text looks on a background with the Yxy color 93.9721, 0.3523, 0.3893.

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

93.9721, 0.3523, 0.3893

Protanopia

93.9409, 0.3300, 0.3496

Deuteranopia

94.1324, 0.3215, 0.3348



Tritanopia

93.7206, 0.3138, 0.3204

Trichromacy



Original Color

93.9721, 0.3523, 0.3893



Protanomaly

93.8664, 0.3379, 0.3635



Deuteranomaly

93.6687, 0.3330, 0.3545



Tritanomaly

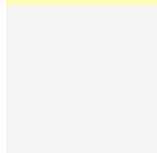
93.5511, 0.3276, 0.3446

Monochromacy



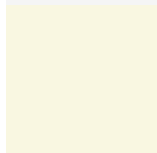
Original Color

93.9721, 0.3523, 0.3893



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.0975, 0.3273, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9721, 0.3523, 0.3893 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, 251, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 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(255, 251, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 190) }
```

Border

The CSS property to change the border of an element to Yxy 93.9721, 0.3523, 0.3893 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, 251, 190) }
```

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

```
.border{ border-color:rgb(255, 251, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9721, 0.3523, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 190) }
```

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

```
.background{ background-color: rgb(255,  
251, 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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