

Converting Colors

$Y_{xy}(122.4635, 0.4354, 0.3754)$

Have a look what the booklet for
Yxy(122.4635, 0.4354, 0.3754)
contains.

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Color

Yxy(92.4721, 0.3564, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B8
RGB	255, 249, 184
RGB Percent	100%, 98%, 72%
CMY	0.0002, 0.0234, 0.2785
CMYK	0.00, 0.02, 0.28, 0.00
HSL	55°, 100%, 86%
HSV	55°, 28%, 100%
XYZ	83.7536, 92.4721, 58.7732
YIQ	243.3840, 24.4410, -18.9430

Conversions

Conversions Part 2

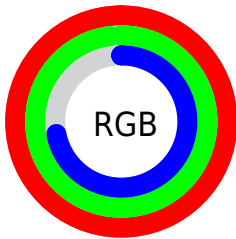
Format	Color
R_{YB}	191, 255, 184
Decimal	16775608
CIE Lab	97.01, -7.77, 32.01
CIE LCh	97, 32.936, 103.643
Yxy	92.4721, 0.3564, 0.3935
Android (android.graphics.Color)	4294965688 (0xFFFFF9B8)
YUV	243.3840, -29.2763, 10.1872
Hunter-Lab	96.1624, -12.8178, 31.0764

Details

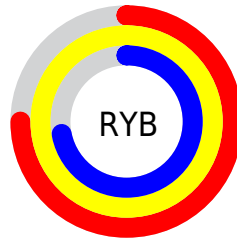
The Yxy color **92.4721, 0.3564, 0.3935** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.1978, 0.2645, 0.2551**, and the grayscale version is **90.1699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **51.7574, 0.3658, 0.4082** is the 20% darker color. If you saturate the color by 10%, you get **90.1913, 0.3724, 0.4164**, and if you desaturate by 10%, it is **94.9688, 0.3403, 0.3700**.

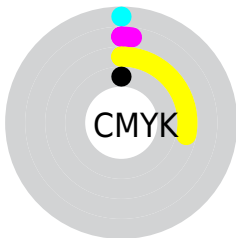
Distribution



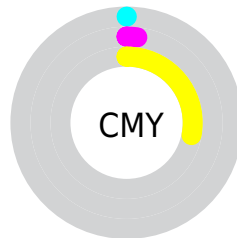
- Red (100%)
- Green (98%)
- Blue (72%)



- Red (75%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.4721, 0.3564, 0.3935 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 92.4721, 0.3564, 0.3935 by changing the saturation by 10% instead.


 92.4721, 0.3564,
0.3935

 92.4721, 0.3564,
0.3935

536.0401, 0.3375,
0.3647

 70.0328, 0.3604,
0.3998


 150.7675, 0.3501,
0.3837

 51.5533, 0.3651,
0.4074

187.3925, 0.3476,
0.3799

 36.6491, 0.3709,
0.4168


229.5148, 0.3454,
0.3765

 24.9359, 0.3779,
0.4286

277.5188, 0.3434,
0.3736

 16.0293, 0.3866,
0.4438

331.7889, 0.3417,
0.3710

 9.5449, 0.3975,
0.4639

392.7096, 0.3401,

 5.0983, 0.4106,

0.3686

0.4912

460.6652, 0.3387,
0.3666

■ 2.3050, 0.4454,
0.5546

■ 0.7764, 0.4139,
0.5861

■ 92.4721, 0.3564,
0.3935

■ 92.4721, 0.3564,
0.3935

■ 90.1913, 0.3724,
0.4164

■ 94.9688, 0.3403,
0.3700

■ 88.1037, 0.3878,
0.4378

■ 97.6786, 0.3245,
0.3467

■ 86.2018, 0.4018,
0.4567

99.9914, 0.3127,
0.3290

■ 84.4732, 0.4139,
0.4722

■ 82.9034, 0.4235,
0.4834

■ 81.4755, 0.4302,
0.4900

■ 80.1669, 0.4344,
0.4925

■ 79.8923, 0.4351,
0.4927

Harmonies

Analogous

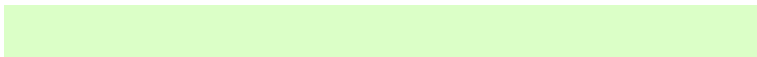
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4721, 0.3801, 0.3779



92.4721, 0.3564, 0.3935



92.4721, 0.3217, 0.3907

Triad

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



92.4721, 0.3564, 0.3935



92.4721, 0.2453, 0.3000



92.4721, 0.3376, 0.2942

Complementary

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



92.4721, 0.3564, 0.3935



54.1978, 0.2645, 0.2551

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.



92.4721, 0.3003, 0.2756



92.4721, 0.3564, 0.3935



92.4721, 0.2488, 0.2773

Square

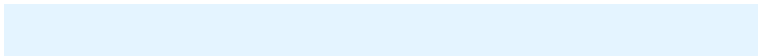
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4721, 0.3564, 0.3935



92.4721, 0.2584, 0.3334



92.4721, 0.2683, 0.2692



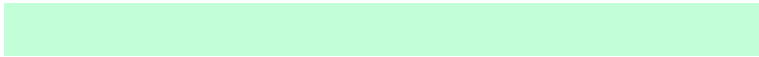
92.4721, 0.3694, 0.3211

Rectangle

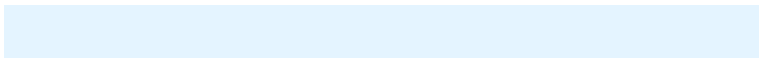
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4721, 0.3564, 0.3935



92.4721, 0.2974, 0.3774



92.4721, 0.2683, 0.2692



92.4721, 0.3252, 0.2868

Sweetspot

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



92.4763, 0.3564, 0.3935



97.6717, 0.3248, 0.3471



59.2920, 0.3678, 0.3218



20.8155, 0.3271, 0.3506



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

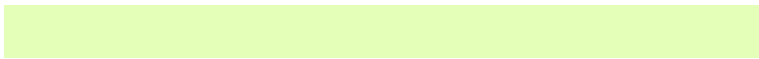
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4763, 0.3564, 0.3935



91.3078, 0.3647, 0.4055



91.2118, 0.3359, 0.4034



20.8155, 0.3271, 0.3506



41.8705, 0.4348, 0.4930



4.1503, 0.4328, 0.4945

Inverse Universe

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



54.1978, 0.2645, 0.2551



47.6562, 0.2542, 0.2389



55.5450, 0.2838, 0.2525



17.6217, 0.2979, 0.3065



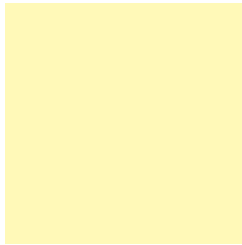
4.1429, 0.1515, 0.0653



0.4830, 0.1546, 0.0765

Previews

White Background



This preview shows how the Yxy color 92.4721, 0.3564, 0.3935 looks on a white background.

Color Contrast Check

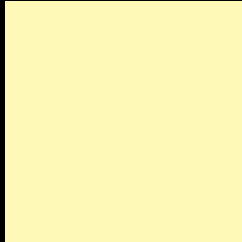
Large Text (above 18pt) WCAG AA × Fail

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 92.4721, 0.3564, 0.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

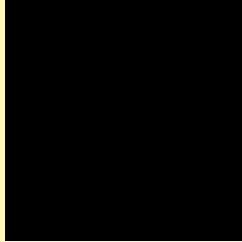
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4721, 0.3564, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 92.4721, 0.3564, 0.3935.

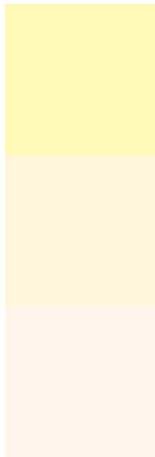


This preview shows how white text looks on a background with the Yxy color 92.4721, 0.3564, 0.3935.

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

92.4721, 0.3564, 0.3935

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

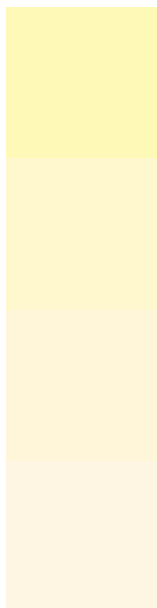
92.6792, 0.3241, 0.3368



Tritanopia

92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.4721, 0.3564, 0.3935

Protanomaly

92.2378, 0.3432, 0.3696

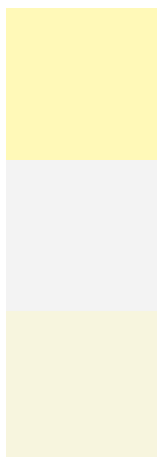
Deuteranomaly

92.2335, 0.3358, 0.3566

Tritanomaly

92.1109, 0.3303, 0.3467

Monochromacy



Original Color

92.4721, 0.3564, 0.3935

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 92.4721, 0.3564, 0.3935 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, 249, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 184)  
}
```

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, 249, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 184) }
```

Border

The CSS property to change the border of an element to Yxy 92.4721, 0.3564, 0.3935 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, 249, 184) }
```

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

```
.border{ border-color:rgb(255, 249, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4721, 0.3564, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 184) }
```

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

```
.background{ background-color: rgb(255,  
249, 184) }
```

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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