

Converting Colors

$Y_{xy}(100.0000, 0.3715, 0.3952)$

Have a look what the booklet for
Yxy(100.0000, 0.3715, 0.3952)
contains.

Yxy(95.5625, 0.3558, 0.3989)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.5625, 0.3558, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB7
RGB	255, 254, 183
RGB Percent	100%, 100%, 72%
CMY	0.0000, 0.0039, 0.2823
CMYK	0.00, 0.00, 0.28, 0.00
HSL	59°, 100%, 86%
HSV	59°, 28%, 100%
XYZ	85.2372, 95.5625, 58.7653
YIQ	246.2050, 23.3870, -21.8690

Conversions

Conversions Part 2

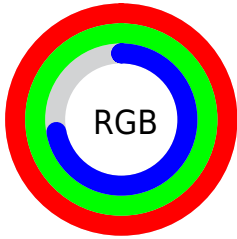
Format	Color
R_{YB}	184, 255, 183
Decimal	16776887
CIE _{Lab}	98.26, -10.32, 34.16
CIE _{LCh}	98, 35.686, 106.812
Yxy	95.5625, 0.3558, 0.3989
Android (android.graphics.Color)	4294966967 (0xFFFFFEB7)
YUV	246.2050, -31.1601, 7.7132
Hunter-Lab	97.7561, -15.4322, 32.7875

Details

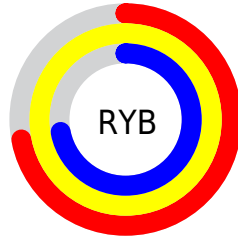
The Yxy color **95.5625, 0.3558, 0.3989** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.5828, 0.2631, 0.2480**, and the grayscale version is **92.5770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **53.3878, 0.3642, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **94.3696, 0.3708, 0.4231**, and if you desaturate by 10%, it is **96.9479, 0.3404, 0.3739**.

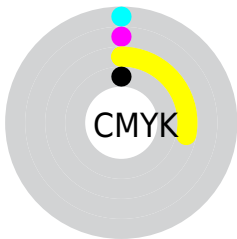
Distribution



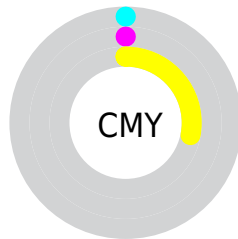
- Red (100%)
- Green (100%)
- Blue (72%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5625, 0.3558, 0.3989 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 95.5625, 0.3558, 0.3989 by changing the saturation by 10% instead.


 95.5625, 0.3558,
0.3989

 95.5625, 0.3558,
0.3989


545.9642, 0.3374,
0.3678

 72.6032, 0.3596,
0.4057


 155.0415, 0.3497,
0.3884

 53.6516, 0.3641,
0.4139


192.3300, 0.3473,
0.3842

 38.3232, 0.3695,
0.4239


235.1637, 0.3451,
0.3806

 26.2336, 0.3761,
0.4366

283.9270, 0.3432,
0.3774

 16.9985, 0.3840,
0.4528

339.0043, 0.3415,
0.3745

 10.2334, 0.3937,
0.4742

400.7800, 0.3400,

 5.5540, 0.4047,

0.3720

0.5031

469.6385, 0.3386,
0.3698

■ 2.5758, 0.4334,
0.5666

■ 0.9145, 0.4029,
0.5971

■ 95.5625, 0.3558,
0.3989

■ 95.5625, 0.3558,
0.3989

■ 94.3696, 0.3708,
0.4231

■ 96.9479, 0.3404,
0.3739

■ 93.3593, 0.3847,
0.4454

■ 98.5358, 0.3250,
0.3490

■ 92.5200, 0.3969,
0.4650

100.0000, 0.3127,
0.3290

■ 91.8390, 0.4070,
0.4809

■ 91.3020, 0.4144,
0.4925

■ 90.8920, 0.4192,
0.4997

■ 90.5855, 0.4215,
0.5029

■ 90.5361, 0.4218,
0.5033

Harmonies

Analogous

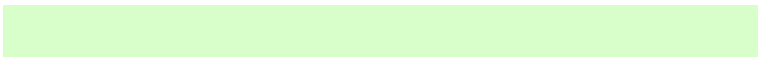
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5625, 0.3830, 0.3836



95.5625, 0.3558, 0.3989



95.5625, 0.3180, 0.3938

Triad

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



95.5625, 0.3558, 0.3989



95.5625, 0.2403, 0.2945



95.5625, 0.3434, 0.2945

Complementary

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



95.5625, 0.3558, 0.3989



51.5828, 0.2631, 0.2480

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.



95.5625, 0.3035, 0.2736



95.5625, 0.3558, 0.3989



95.5625, 0.2459, 0.2720

Square

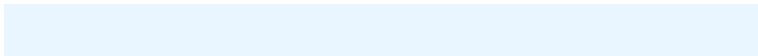
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5625, 0.3558, 0.3989



95.5625, 0.2524, 0.3295



95.5625, 0.2683, 0.2652



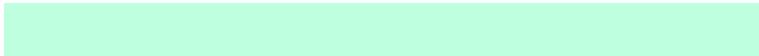
95.5625, 0.3763, 0.3238

Rectangle

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



95.5625, 0.3558, 0.3989



95.5625, 0.2922, 0.3781



95.5625, 0.2683, 0.2652



95.5625, 0.3303, 0.2864

Sweetspot

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



95.5624, 0.3558, 0.3989



98.5740, 0.3247, 0.3484



58.6077, 0.3741, 0.3279



21.0448, 0.3269, 0.3522



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

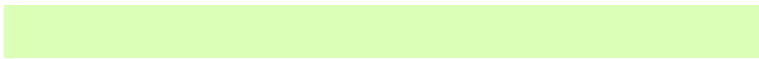
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5624, 0.3558, 0.3989



94.8507, 0.3645, 0.4130



90.1888, 0.3322, 0.4055



21.0448, 0.3269, 0.3522



47.3269, 0.4218, 0.5033



4.6214, 0.4215, 0.5036

Inverse Universe

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



51.5828, 0.2631, 0.2480



44.1427, 0.2512, 0.2284



55.9742, 0.2878, 0.2523



17.4182, 0.2978, 0.3047



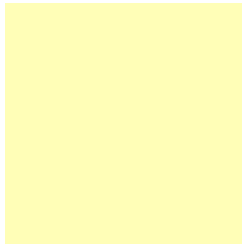
3.8304, 0.1502, 0.0608



0.3866, 0.1508, 0.0628

Previews

White Background



This preview shows how the Yxy color 95.5625, 0.3558, 0.3989 looks on a white background.

Color Contrast Check

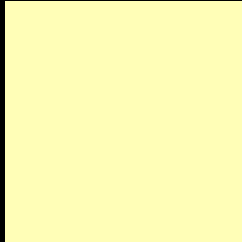
Large Text (above 18pt) WCAG AA × Fail

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 95.5625, 0.3558, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

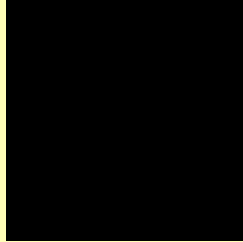
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.5625, 0.3558, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 95.5625, 0.3558, 0.3989.



This preview shows how white text looks on a background with the Yxy color 95.5625, 0.3558, 0.3989.

Color Blindness Simulation

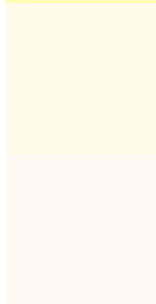
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.5625, 0.3558, 0.3989



Protanopia

95.5717, 0.3255, 0.3446

Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

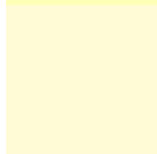
95.5506, 0.3136, 0.3233

Trichromacy



Original Color

95.5625, 0.3558, 0.3989



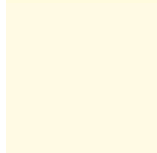
Protanomaly

95.1607, 0.3369, 0.3643



Deuteranomaly

95.5283, 0.3327, 0.3574



Tritanomaly

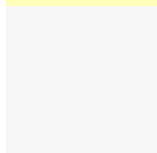
95.2327, 0.3291, 0.3505

Monochromacy



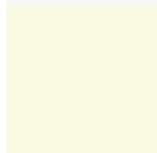
Original Color

95.5625, 0.3558, 0.3989



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.2188, 0.3283, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5625, 0.3558, 0.3989 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, 254, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 183)  
}
```

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, 254, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 183) }
```

Border

The CSS property to change the border of an element to Yxy 95.5625, 0.3558, 0.3989 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, 254, 183) }
```

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

```
.border{ border-color:rgb(255, 254, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5625, 0.3558, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 183) }
```

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

```
.background{ background-color: rgb(255,  
254, 183) }
```

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