

Converting Colors

$Y_{xy}(100.0000, 0.3668, 0.3913)$

Have a look what the booklet for
Yxy(100.0000, 0.3668, 0.3913)
contains.

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Color

Yxy(95.7745, 0.3528, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEBC
RGB	255, 254, 188
RGB Percent	100%, 100%, 74%
CMY	0.0000, 0.0039, 0.2627
CMYK	0.00, 0.00, 0.26, 0.00
HSL	59°, 100%, 87%
HSV	59°, 26%, 100%
XYZ	85.7595, 95.7745, 61.5485
YIQ	246.7750, 21.7820, -20.3140

Conversions

Conversions Part 2

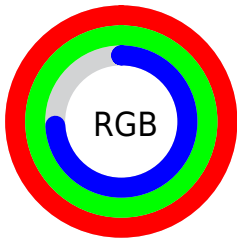
Format	Color
R_{YB}	189, 255, 188
Decimal	16776892
CIE _{Lab}	98.34, -9.70, 31.78
CIE _{LCh}	98, 33.224, 106.981
Yxy	95.7745, 0.3528, 0.3940
Android (android.graphics.Color)	4294966972 (0xFFFFEBC)
YUV	246.7750, -28.9761, 7.2133
Hunter-Lab	97.8644, -14.8416, 31.2167

Details

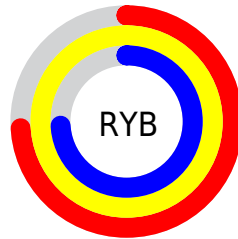
The Yxy color **95.7745, 0.3528, 0.3940** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3101, 0.2671, 0.2545**, and the grayscale version is **93.0494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **53.6595, 0.3613, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **94.5345, 0.3679, 0.4184**, and if you desaturate by 10%, it is **97.2178, 0.3373, 0.3690**.

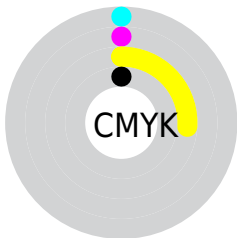
Distribution



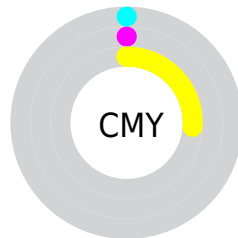
- Red (100%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.7745, 0.3528, 0.3940 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 95.7745, 0.3528, 0.3940 by changing the saturation by 10% instead.


 95.7745, 0.3528,
0.3940

 95.7745, 0.3528,
0.3940


546.6415, 0.3356,
0.3650

 72.7798, 0.3564,
0.4003


 155.3342, 0.3471,
0.3842

 53.7959, 0.3606,
0.4079


192.6679, 0.3448,
0.3803

 38.4385, 0.3658,
0.4174


235.5501, 0.3428,
0.3769

 26.3232, 0.3720,
0.4292

284.3651, 0.3410,
0.3740

 17.0656, 0.3797,
0.4445

339.4973, 0.3395,
0.3714

 10.2813, 0.3891,
0.4648

401.3312, 0.3380,

 5.5858, 0.4004,

0.3690

0.4926

470.2511, 0.3368,
0.3669

■ 2.5949, 0.4368,
0.5632

■ 0.9241, 0.4095,
0.5905

■ 95.7745, 0.3528,
0.3940

■ 95.7745, 0.3528,
0.3940

■ 94.5345, 0.3679,
0.4184

■ 97.2178, 0.3373,
0.3690


■ 93.4748, 0.3821,
0.4412

■ 98.8611, 0.3220,
0.3442

■ 92.5885, 0.3947,
0.4613

99.9999, 0.3127,
0.3290

■ 91.8632, 0.4053,
0.4780

 91.2849, 0.4133,
0.4905

 90.8373, 0.4186,
0.4985

 90.4997, 0.4213,
0.5024

 90.3906, 0.4220,
0.5032

Harmonies

Analogous

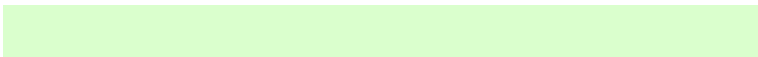
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.7745, 0.3781, 0.3802



95.7745, 0.3528, 0.3940



95.7745, 0.3176, 0.3889

Triad

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



95.7745, 0.3528, 0.3940



95.7745, 0.2450, 0.2969



95.7745, 0.3415, 0.2969

Complementary

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



95.7745, 0.3528, 0.3940



54.3101, 0.2671, 0.2545

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.



95.7745, 0.3044, 0.2772



95.7745, 0.3528, 0.3940



95.7745, 0.2504, 0.2758

Square

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



95.7745, 0.3528, 0.3940



95.7745, 0.2563, 0.3294



95.7745, 0.2714, 0.2694



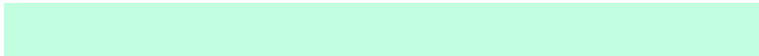
95.7745, 0.3719, 0.3244

Rectangle

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



95.7745, 0.3528, 0.3940



95.7745, 0.2936, 0.3743



95.7745, 0.2714, 0.2694



95.7745, 0.3293, 0.2893

Sweetspot

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



95.7788, 0.3528, 0.3940



98.5622, 0.3247, 0.3484



60.9110, 0.3685, 0.3280



21.0418, 0.3270, 0.3521



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

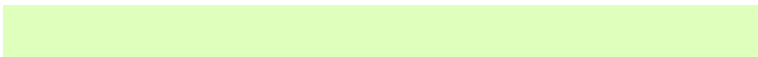
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.7788, 0.3528, 0.3940



95.0430, 0.3615, 0.4081



90.7791, 0.3310, 0.3998



21.0418, 0.3270, 0.3521



47.2523, 0.4219, 0.5032



4.6150, 0.4216, 0.5034

Inverse Universe

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



54.3101, 0.2671, 0.2545



46.6583, 0.2554, 0.2354



58.4678, 0.2898, 0.2581



17.4209, 0.2978, 0.3048



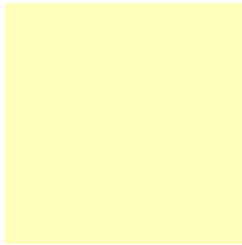
3.8342, 0.1503, 0.0609



0.3878, 0.1509, 0.0630

Previews

White Background



This preview shows how the Yxy color 95.7745, 0.3528, 0.3940 looks on a white background.

Color Contrast Check

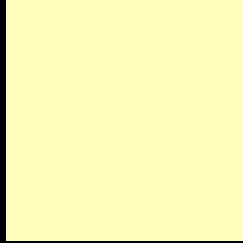
Large Text (above 18pt) WCAG AA × Fail

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 95.7745, 0.3528, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

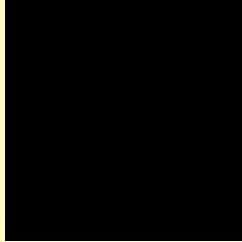
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.7745, 0.3528, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 95.7745, 0.3528, 0.3940.

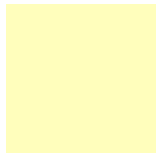


This preview shows how white text looks on a background with the Yxy color 95.7745, 0.3528, 0.3940.

Color Blindness Simulation

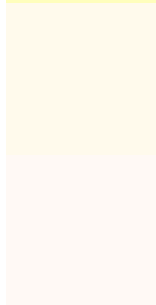
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.7745, 0.3528, 0.3940



Protanopia

95.6873, 0.3243, 0.3426

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

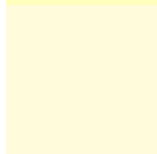
95.6148, 0.3130, 0.3223

Trichromacy



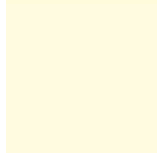
Original Color

95.7745, 0.3528, 0.3940



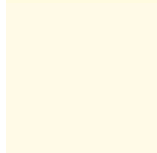
Protanomaly

95.3688, 0.3345, 0.3604



Deuteranomaly

95.6362, 0.3314, 0.3554



Tritanomaly

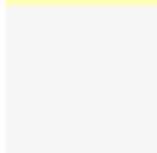
95.4007, 0.3273, 0.3475

Monochromacy



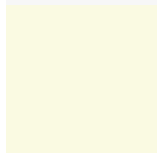
Original Color

95.7745, 0.3528, 0.3940



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.1862, 0.3270, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.7745, 0.3528, 0.3940 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 188) }
```

Border

The CSS property to change the border of an element to Yxy 95.7745, 0.3528, 0.3940 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, 188) }
```

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

```
.border{ border-color:rgb(255, 254, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 95.7745, 0.3528, 0.3940 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
254, 188) }
```

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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