

Converting Colors

$Y_{xy}(95.3878, 0.3510, 0.3900)$

Have a look what the booklet for
Yxy(95.3878, 0.3510, 0.3900)
contains.

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Color

Yxy(95.2721, 0.3512, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDBF
RGB	255, 253, 191
RGB Percent	100%, 99%, 75%
CMY	0.0000, 0.0078, 0.2508
CMYK	0.00, 0.01, 0.25, 0.00
HSL	58°, 100%, 87%
HSV	58°, 25%, 100%
XYZ	85.7718, 95.2721, 63.1810
YIQ	246.5300, 21.0940, -18.8580

Conversions

Conversions Part 2

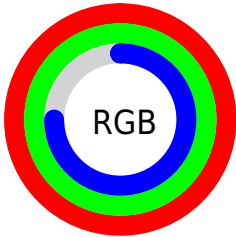
Format	Color
R _Y B	193, 255, 191
Decimal	16776639
CIE Lab	98.14, -8.82, 29.98
CIE LCh	98, 31.250, 106.387
Yxy	95.2721, 0.3512, 0.3901
Android (android.graphics.Color)	4294966719 (0xFFFFFDBF)
YUV	246.5300, -27.3763, 7.4282
Hunter-Lab	97.6074, -13.9575, 29.9470

Details

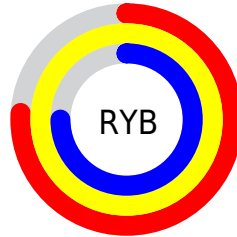
The Yxy color **95.2721, 0.3512, 0.3901** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.4561, 0.2695, 0.2596**, and the grayscale version is **92.8285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **53.2918, 0.3594, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **93.7487, 0.3666, 0.4143**, and if you desaturate by 10%, it is **97.0016, 0.3356, 0.3654**.

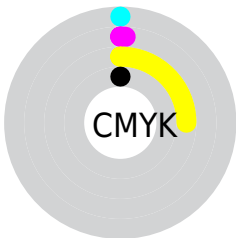
Distribution



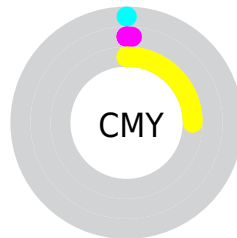
- Red (100%)
- Green (99%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2721, 0.3512, 0.3901 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 95.2721, 0.3512, 0.3901 by changing the saturation by 10% instead.

 95.2721, 0.3512,
0.3901

 95.2721, 0.3512,
0.3901


545.0357, 0.3346,
0.3629

 72.3615, 0.3547,
0.3960


 154.6405, 0.3457,
0.3809

 53.4540, 0.3588,
0.4032


191.8670, 0.3435,
0.3772

 38.1653, 0.3638,
0.4121


234.6343, 0.3416,
0.3740

 26.1110, 0.3700,
0.4233

283.3267, 0.3398,
0.3713

 16.9067, 0.3776,
0.4378

338.3286, 0.3383,
0.3688

 10.1680, 0.3871,
0.4572


400.0245, 0.3370,


 5.5105, 0.3989,


0.3666


0.4838

468.7988, 0.3357,
0.3646


 2.5498, 0.4326,
0.5479


 0.9015, 0.4158,
0.5842


 95.2721, 0.3512,
0.3901

 95.2721, 0.3512,
0.3901

 93.7487, 0.3666,
0.4143

 97.0016, 0.3356,
0.3654

 92.4085, 0.3812,
0.4371

 98.9337, 0.3203,
0.3411

 91.2447, 0.3945,
0.4574

99.9995, 0.3127,
0.3290

 90.2450, 0.4057,
0.4744

■ 89.3957, 0.4145,
0.4873

■ 88.6807, 0.4205,
0.4957

■ 88.0803, 0.4239,
0.4998

■ 87.8131, 0.4250,
0.5008

Harmonies

Analogous

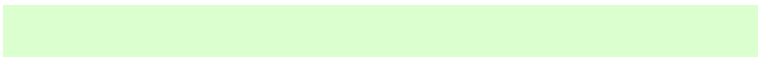
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2721, 0.3747, 0.3770



95.2721, 0.3512, 0.3901



95.2721, 0.3181, 0.3855

Triad

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



95.2721, 0.3512, 0.3901



95.2721, 0.2488, 0.2994



95.2721, 0.3393, 0.2982

Complementary

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



95.2721, 0.3512, 0.3901



56.4561, 0.2695, 0.2596

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.



95.2721, 0.3043, 0.2797



95.2721, 0.3512, 0.3901



95.2721, 0.2535, 0.2791

Square

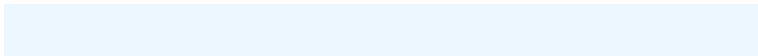
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.2721, 0.3512, 0.3901



95.2721, 0.2599, 0.3302



95.2721, 0.2733, 0.2726



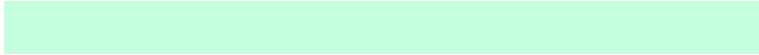
95.2721, 0.3680, 0.3243

Rectangle

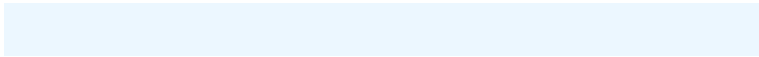
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.2721, 0.3512, 0.3901



95.2721, 0.2954, 0.3720



95.2721, 0.2733, 0.2726



95.2721, 0.3278, 0.2910

Sweetspot

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



95.2764, 0.3512, 0.3901



98.3502, 0.3247, 0.3481



62.3967, 0.3643, 0.3269



20.9879, 0.3270, 0.3518



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

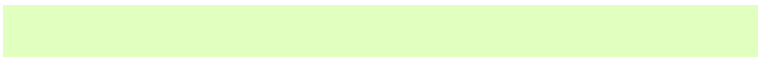
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2764, 0.3512, 0.3901



94.5031, 0.3588, 0.4021



91.3135, 0.3309, 0.3962



20.9879, 0.3270, 0.3518



45.9287, 0.4249, 0.5009



4.5012, 0.4242, 0.5014

Inverse Universe

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



56.4561, 0.2695, 0.2596



49.7446, 0.2597, 0.2436



59.8535, 0.2903, 0.2614



17.4684, 0.2978, 0.3052



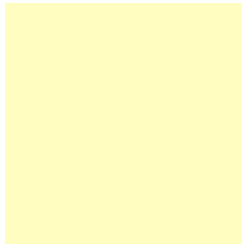
3.9020, 0.1505, 0.0619



0.4104, 0.1518, 0.0663

Previews

White Background



This preview shows how the Yxy color 95.2721, 0.3512, 0.3901 looks on a white background.

Color Contrast Check

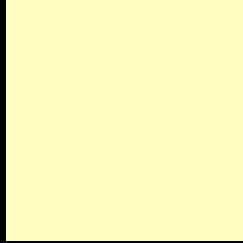
Large Text (above 18pt) WCAG AA × Fail

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 95.2721, 0.3512, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

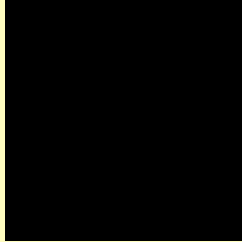
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2721, 0.3512, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 95.2721, 0.3512, 0.3901.

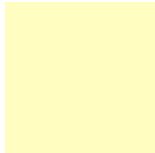


This preview shows how white text looks on a background with the Yxy color 95.2721, 0.3512, 0.3901.

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

95.2721, 0.3512, 0.3901

Protanopia

95.5144, 0.3261, 0.3455

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



Original Color

95.2721, 0.3512, 0.3901



Protanomaly

95.3163, 0.3351, 0.3614



Deuteranomaly

95.0675, 0.3309, 0.3534



Tritanomaly

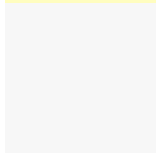
94.7809, 0.3274, 0.3466

Monochromacy



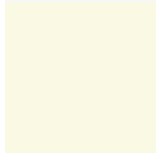
Original Color

95.2721, 0.3512, 0.3901



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.6214, 0.3265, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2721, 0.3512, 0.3901 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, 253, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 191)  
}
```

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, 253, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 191) }
```

Border

The CSS property to change the border of an element to Yxy 95.2721, 0.3512, 0.3901 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, 253, 191) }
```

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

```
.border{ border-color:rgb(255, 253, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2721, 0.3512, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 191) }
```

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

```
.background{ background-color: rgb(255,  
253, 191) }
```

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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