

Converting Colors

$Y_{xy}(100.0000, 0.3288, 0.3790)$

Have a look what the booklet for
Yxy(100.0000, 0.3288, 0.3790)
contains.

Yxy(95.1507, 0.3296, 0.3722)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.1507, 0.3296, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFD4
RGB	242, 255, 212
RGB Percent	95%, 100%, 83%
CMY	0.0510, 0.0000, 0.1685
CMYK	0.05, 0.00, 0.17, 0.00
HSL	78°, 100%, 92%
HSV	78°, 17%, 100%
XYZ	84.2603, 95.1507, 76.2330
YIQ	246.2110, 6.0550, -16.1290

Conversions

Conversions Part 2

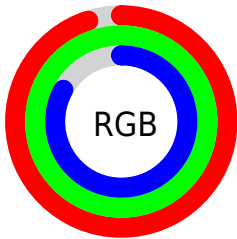
Format	Color
R _Y B	212, 255, 225
Decimal	15925204
CIE Lab	98.09, -11.46, 19.12
CIE LCh	98, 22.294, 120.942
Yxy	95.1507, 0.3296, 0.3722
Android (android.graphics.Color)	4294115284 (0xFFFF2FFD4)
YUV	246.2110, -16.8660, -3.6930
Hunter-Lab	97.5452, -16.5145, 21.9456

Details

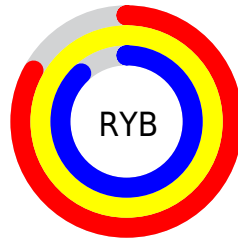
The Yxy color **95.1507, 0.3296, 0.3722** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.3393, 0.2938, 0.2844**, and the grayscale version is **92.4721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2616, 0.3335, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **92.6240, 0.3395, 0.3996**, and if you desaturate by 10%, it is **97.9358, 0.3195, 0.3460**.

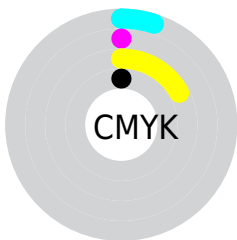
Distribution



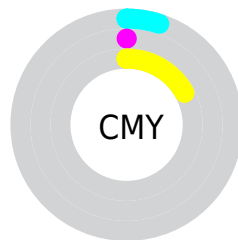
- Red (95%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1507, 0.3296, 0.3722 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 95.1507, 0.3296, 0.3722 by changing the saturation by 10% instead.


 95.1507, 0.3296,
0.3722

 95.1507, 0.3296,
0.3722


544.6473, 0.3224,
0.3528

 72.2604, 0.3311,
0.3765


154.4728, 0.3272,
0.3656

 53.3714, 0.3329,
0.3817


191.6734, 0.3262,
0.3630

 38.0994, 0.3351,
0.3883


234.4128, 0.3254,
0.3607

 26.0598, 0.3378,
0.3966

283.0756, 0.3246,
0.3587

 16.8684, 0.3412,
0.4077

338.0460, 0.3240,
0.3570

 10.1407, 0.3456,
0.4230

399.7085, 0.3234,

 5.4923, 0.3513,

0.3554

0.4454

468.4475, 0.3229,
0.3540

■ 2.5389, 0.3586,
0.4814

■ 0.8961, 0.3896,
0.6104

■ 95.1507, 0.3296,
0.3722

■ 95.1507, 0.3296,
0.3722

■ 92.6240, 0.3395,
0.3996

■ 97.9358, 0.3195,
0.3460

■ 90.3494, 0.3488,
0.4275

100.0000, 0.3127,
0.3290

■ 88.3146, 0.3571,
0.4549

■ 86.5076, 0.3637,
0.4807

■ 84.9152, 0.3683,
0.5035

■ 83.5225, 0.3704,
0.5224

■ 82.3123, 0.3699,
0.5364

■ 81.2627, 0.3670,
0.5455

■ 80.9551, 0.3658,
0.5478

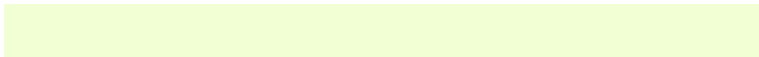
Harmonies

Analogous

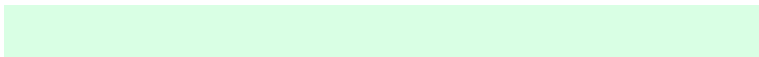
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1507, 0.3503, 0.3694



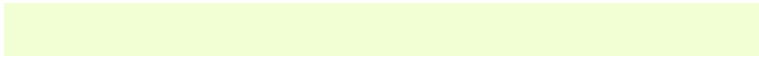
95.1507, 0.3296, 0.3722



95.1507, 0.3050, 0.3622

Triad

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



95.1507, 0.3296, 0.3722



95.1507, 0.2666, 0.2999



95.1507, 0.3427, 0.3156

Complementary

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



95.1507, 0.3296, 0.3722



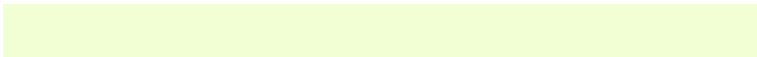
70.3393, 0.2938, 0.2844

Split Complementary

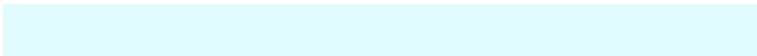
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1507, 0.3191, 0.2988



95.1507, 0.3296, 0.3722



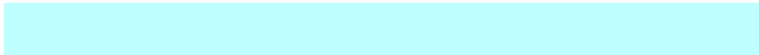
95.1507, 0.2757, 0.2894

Square

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



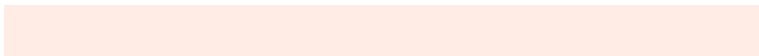
95.1507, 0.3296, 0.3722



95.1507, 0.2692, 0.3190



95.1507, 0.2946, 0.2893



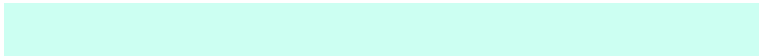
95.1507, 0.3582, 0.3361

Rectangle

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



95.1507, 0.3296, 0.3722



95.1507, 0.2897, 0.3496



95.1507, 0.2946, 0.2893



95.1507, 0.3354, 0.3094

Sweetspot

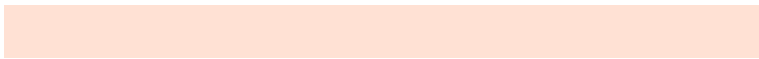
The Sweet Spot groups the original color and five complimentary colors.



95.1494, 0.3296, 0.3722



98.4806, 0.3177, 0.3413



79.8242, 0.3430, 0.3421



21.0344, 0.3184, 0.3431



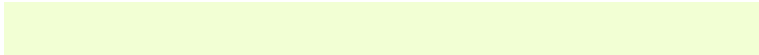
0.0000, 0.0000, 0.0000



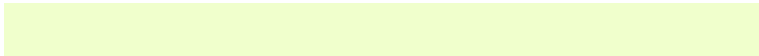
21.4041, 0.3127, 0.3290

Same Dimension

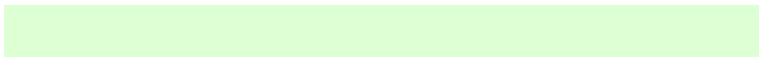
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1494, 0.3296, 0.3722



94.3261, 0.3328, 0.3807



91.5888, 0.3159, 0.3741



20.7984, 0.3222, 0.3528



42.3826, 0.3667, 0.5471



4.1839, 0.3728, 0.5422

Inverse Universe

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



70.3393, 0.2938, 0.2844



65.5358, 0.2897, 0.2752



73.9902, 0.3086, 0.2863



17.6445, 0.3026, 0.3048



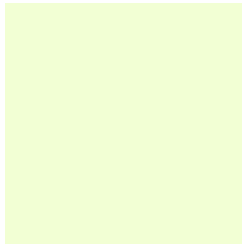
4.6703, 0.1703, 0.0712



0.5089, 0.1821, 0.0777

Previews

White Background



This preview shows how the Yxy color 95.1507, 0.3296, 0.3722 looks on a white background.

Color Contrast Check

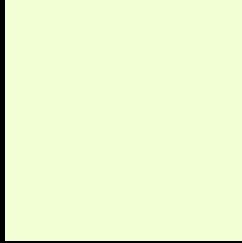
Large Text (above 18pt) WCAG AA × Fail

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 95.1507, 0.3296, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

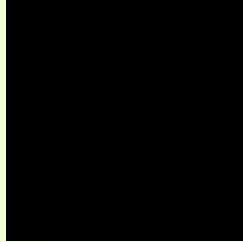
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

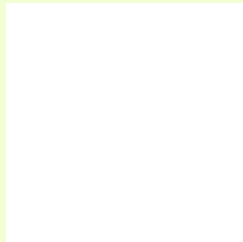
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1507, 0.3296, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 95.1507, 0.3296, 0.3722.

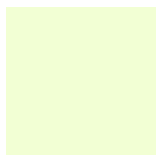


This preview shows how white text looks on a background with the Yxy color 95.1507, 0.3296, 0.3722.

Color Blindness Simulation

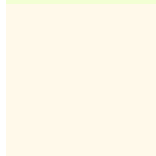
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



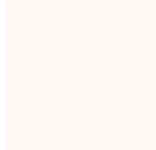
Original Color

95.1507, 0.3296, 0.3722



Protanopia

94.9519, 0.3256, 0.3436



Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

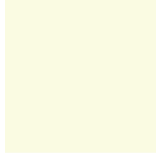
95.2954, 0.3098, 0.3232

Trichromacy



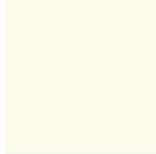
Original Color

95.1507, 0.3296, 0.3722



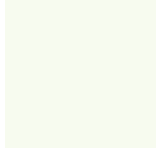
Protanomaly

94.8093, 0.3269, 0.3536



Deuteranomaly

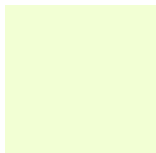
95.2015, 0.3227, 0.3467



Tritanomaly

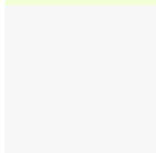
95.0005, 0.3172, 0.3408

Monochromacy



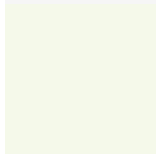
Original Color

95.1507, 0.3296, 0.3722



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1044, 0.3191, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1507, 0.3296, 0.3722 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(242, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 212)  
}
```

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(242, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 95.1507, 0.3296, 0.3722 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(242, 255, 212) }
```

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

```
.border{ border-color:rgb(242, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1507, 0.3296, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 212) }
```

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

```
.background{ background-color: rgb(242,  
255, 212) }
```

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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