

Converting Colors

$Yxy(95.6724, 0.3267, 0.3522)$

Have a look what the booklet for
Yxy(95.6724, 0.3267, 0.3522)
contains.

Yxy(95.9177, 0.3269, 0.3525)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.9177, 0.3269, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCE4
RGB	252, 252, 228
RGB Percent	99%, 99%, 89%
CMY	0.0119, 0.0117, 0.1058
CMYK	0.00, 0.00, 0.10, 0.01
HSL	60°, 80%, 94%
HSV	60°, 10%, 99%
XYZ	88.9518, 95.9177, 87.2375
YIQ	249.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

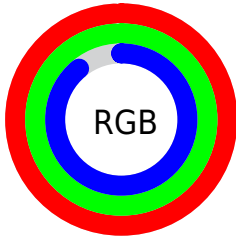
Format	Color
R _Y B	228, 252, 228
Decimal	16579812
CIE Lab	98.40, -4.03, 11.48
CIE LCh	98, 12.169, 109.322
Yxy	95.9177, 0.3269, 0.3525
Android (android.graphics.Color)	4294769892 (0xFFFCFCE4)
YUV	249.2640, -10.4832, 2.3995
Hunter-Lab	97.9376, -9.2682, 15.7440

Details

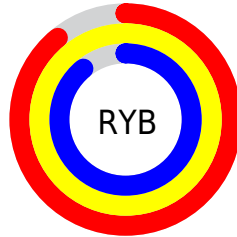
The Yxy color 95.9177, 0.3269, 0.3525 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 79.0319, 0.2978, 0.3044, and the grayscale version is 95.0430, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6494, 0.3293, 0.3565 is the 20% darker color. If you saturate the color by 10%, you get 94.6132, 0.3422, 0.3778, and if you desaturate by 10%, it is 97.4346, 0.3120, 0.3278.

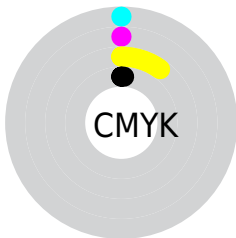
Distribution



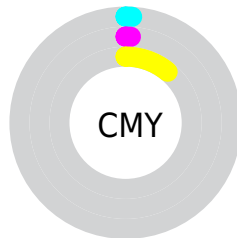
- Red (99%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9177, 0.3269, 0.3525 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 95.9177, 0.3269, 0.3525 by changing the saturation by 10% instead.


 95.9177, 0.3269,
0.3525

 95.9177, 0.3269,
0.3525


547.0987, 0.3207,
0.3421

 72.8990, 0.3282,
0.3548


155.5318, 0.3248,
0.3490

 53.8934, 0.3299,
0.3576


192.8961, 0.3240,
0.3476

 38.5164, 0.3318,
0.3610


235.8109, 0.3233,
0.3464

 26.3838, 0.3344,
0.3654

284.6609, 0.3226,
0.3453

 17.1110, 0.3376,
0.3711

339.8302, 0.3221,
0.3443

 10.3136, 0.3420,
0.3790

401.7034, 0.3216,

 5.6074, 0.3483,

0.3435

470.6647, 0.3211,
0.3428

0.3906

■ 2.6079, 0.3578,
0.4088

■ 0.9306, 0.4079,
0.4832

■ 95.9177, 0.3269,
0.3525

■ 95.9177, 0.3269,
0.3525

■ 94.6132, 0.3422,
0.3778

■ 97.4346, 0.3120,
0.3278

■ 93.4998, 0.3574,
0.4030


■ 97.5580, 0.3110,
0.3261


■ 92.5721, 0.3720,
0.4272

■ 97.5673, 0.3110,
0.3261

■ 91.8201, 0.3854,
0.4495


■ 97.5766, 0.3111,
0.3261

 91.2325, 0.3970,
0.4688


 97.5859, 0.3111,
0.3261


 90.7968, 0.4063,
0.4843


 97.5952, 0.3111,
0.3261


 90.4988, 0.4130,
0.4955

 97.6045, 0.3112,
0.3261

 90.3215, 0.4171,
0.5023

 97.6138, 0.3112,
0.3261

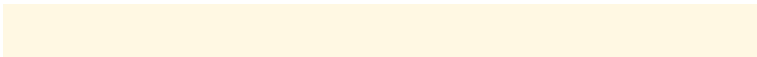
 90.2384, 0.4189,
0.5054

 97.6231, 0.3112,
0.3261

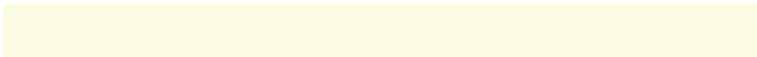
Harmonies

Analogous

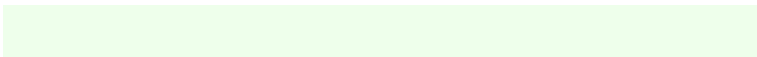
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9177, 0.3362, 0.3489



95.9177, 0.3269, 0.3525



95.9177, 0.3139, 0.3496

Triad

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



95.9177, 0.3269, 0.3525



95.9177, 0.2870, 0.3170



95.9177, 0.3244, 0.3177

Complementary

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



95.9177, 0.3269, 0.3525



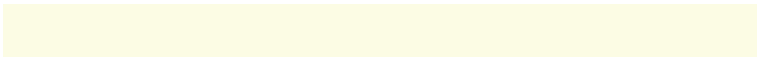
79.0319, 0.2978, 0.3044

Split Complementary

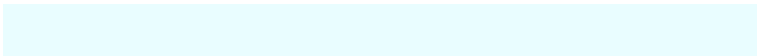
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9177, 0.3111, 0.3096



95.9177, 0.3269, 0.3525



95.9177, 0.2897, 0.3090

Square

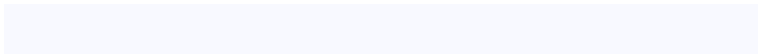
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



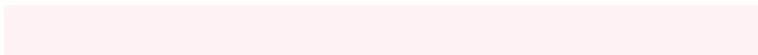
95.9177, 0.3269, 0.3525



95.9177, 0.2911, 0.3287



95.9177, 0.2984, 0.3063



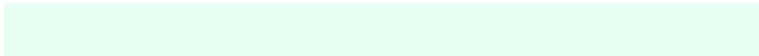
95.9177, 0.3348, 0.3287

Rectangle

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



95.9177, 0.3269, 0.3525



95.9177, 0.3050, 0.3442



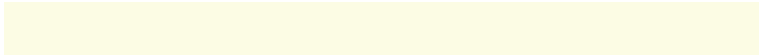
95.9177, 0.2984, 0.3063



95.9177, 0.3201, 0.3145

Sweetspot

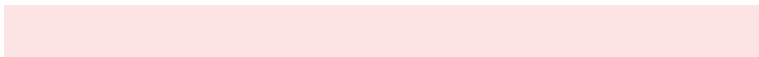
The Sweet Spot groups the original color and five complimentary colors.



95.9219, 0.3269, 0.3525



99.5142, 0.3171, 0.3363



81.7984, 0.3295, 0.3291



21.2730, 0.3183, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

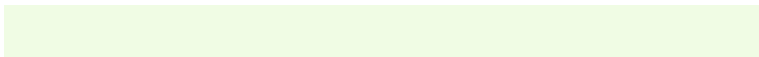
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9219, 0.3269, 0.3525



98.3128, 0.3292, 0.3562



93.7608, 0.3192, 0.3531



20.1889, 0.3269, 0.3524



46.9992, 0.4190, 0.5055



4.3535, 0.4190, 0.5055

Inverse Universe

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



79.0319, 0.2978, 0.3044



78.4626, 0.2954, 0.3002



81.0552, 0.3057, 0.3050



16.6447, 0.2979, 0.3045



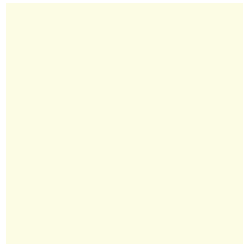
3.6635, 0.1501, 0.0600



0.3399, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 95.9177, 0.3269, 0.3525 looks on a white background.

Color Contrast Check

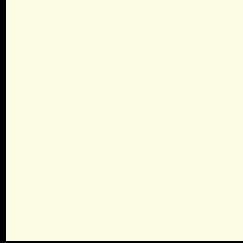
Large Text (above 18pt) WCAG AA × Fail

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 95.9177, 0.3269, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

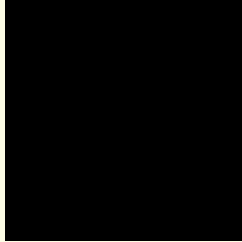
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9177, 0.3269, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 95.9177, 0.3269, 0.3525.

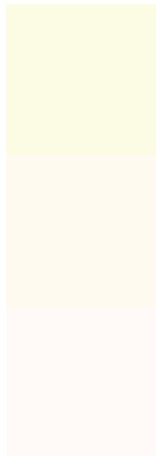


This preview shows how white text looks on a background with the Yxy color 95.9177, 0.3269, 0.3525.

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

95.9177, 0.3269, 0.3525

Protanopia

95.9225, 0.3218, 0.3387

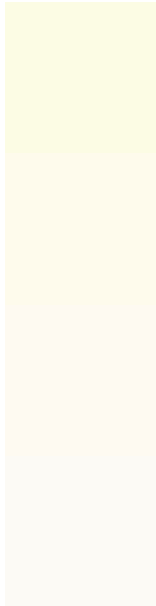
Deuteranopia

95.7887, 0.3171, 0.3300

Tritanopia

95.6668, 0.3111, 0.3232

Trichromacy



Original Color

95.9177, 0.3269, 0.3525

Protanomaly

96.1213, 0.3235, 0.3436

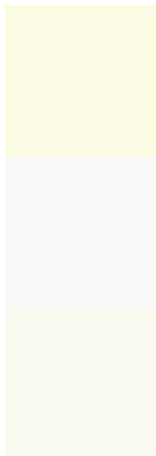
Deuteranomaly

95.7929, 0.3206, 0.3377

Tritanomaly

95.6592, 0.3169, 0.3338

Monochromacy



Original Color

95.9177, 0.3269, 0.3525

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0461, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9177, 0.3269, 0.3525 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(252, 252, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 228)  
}
```

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(252, 252, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 228) }
```

Border

The CSS property to change the border of an element to Yxy 95.9177, 0.3269, 0.3525 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(252, 252, 228) }
```

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

```
.border{ border-color:rgb(252, 252, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 252, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 252, 228); box-shadow:4px 4px 4px 4px rgb(252, 252, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9177, 0.3269, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 228) }
```

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

```
.background{ background-color: rgb(252,  
252, 228) }
```

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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