

Converting Colors

$Yxy(95.2818, 0.3261, 0.3670)$

Have a look what the booklet for
Yxy(95.2818, 0.3261, 0.3670)
contains.

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Color

Yxy(95.2305, 0.3260, 0.3672)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1FFD9 |
| RGB | 241, 255, 217 |
| RGB Percent | 95%, 100%, 85% |
| CMY | 0.0551, 0.0000, 0.1490 |
| CMYK | 0.06, 0.00, 0.15, 0.00 |
| HSL | 82°, 100%, 93% |
| HSV | 82°, 15%, 100% |
| XYZ | 84.5456, 95.2305, 79.5662 |
| YIQ | 246.4820, 3.8540, -14.7860 |

Conversions

Conversions Part 2

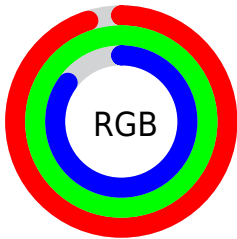
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 217, 255, 231 |
| Decimal | 15859673 |
| CIE Lab | 98.13, -11.06, 16.62 |
| CIE LCh | 98, 19.967, 123.632 |
| Yxy | 95.2305, 0.3260, 0.3672 |
| Android (android.graphics.Color) | 4294049753 (0xFFFF1FFD9) |
| YUV | 246.4820, -14.5346, -4.8077 |
| Hunter-Lab | 97.5861, -16.1288, 19.9686 |

Details

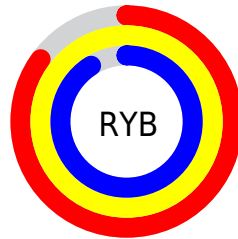
The Yxy color **95.2305, 0.3260, 0.3672** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.8401, 0.2979, 0.2901**, and the grayscale version is **92.6724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3111, 0.3289, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **92.3787, 0.3348, 0.3948**, and if you desaturate by 10%, it is **98.3541, 0.3171, 0.3411**.

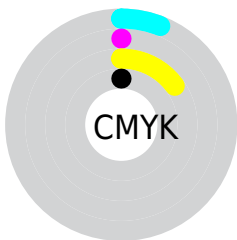
Distribution



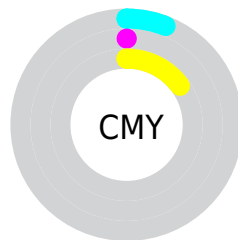
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2305, 0.3260, 0.3672 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 95.2305, 0.3260, 0.3672 by changing the saturation by 10% instead.

 95.2305, 0.3260,
0.3672

 95.2305, 0.3260,
0.3672

544.9026, 0.3203,
0.3500

 72.3268, 0.3272,
0.3710


154.5830, 0.3241,
0.3613

 53.4257, 0.3286,
0.3756


191.8006, 0.3234,
0.3590

 38.1427, 0.3304,
0.3814


234.5584, 0.3227,
0.3570

 26.0935, 0.3325,
0.3888

283.2406, 0.3221,
0.3553

 16.8936, 0.3352,
0.3986

338.2318, 0.3216,
0.3538

 10.1586, 0.3387,
0.4122

399.9163, 0.3211,

 5.5043, 0.3432,

0.3524

0.4322

468.6784, 0.3207,
0.3511

■ 2.5461, 0.3490,
0.4643

■ 0.8996, 0.3941,
0.6059

■ 95.2305, 0.3260,
0.3672

■ 95.2305, 0.3260,
0.3672

■ 92.3787, 0.3348,
0.3948

■ 98.3541, 0.3171,
0.3411

■ 89.8166, 0.3431,
0.4233

100.0000, 0.3127,
0.3290

■ 87.5234, 0.3504,
0.4518

■ 85.4866, 0.3562,
0.4792

■ 83.6927, 0.3600,
0.5041

■ 82.1265, 0.3615,
0.5251

■ 80.7706, 0.3605,
0.5414

■ 79.6037, 0.3571,
0.5524

■ 79.0669, 0.3547,
0.5565

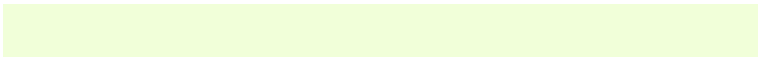
Harmonies

Analogous

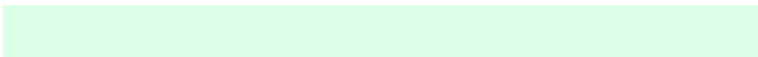
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2305, 0.3450, 0.3658



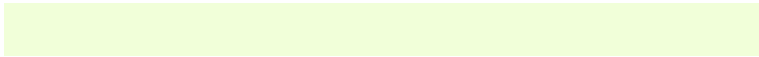
95.2305, 0.3260, 0.3672



95.2305, 0.3039, 0.3573

Triad

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



95.2305, 0.3260, 0.3672



95.2305, 0.2716, 0.3018



95.2305, 0.3411, 0.3186

Complementary

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



95.2305, 0.3260, 0.3672



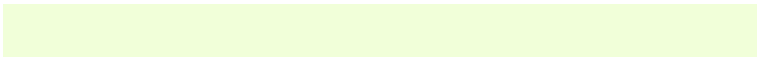
73.8401, 0.2979, 0.2901

Split Complementary

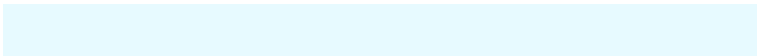
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2305, 0.3205, 0.3030



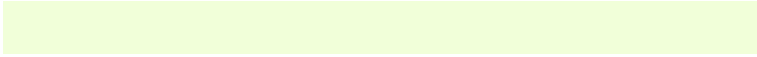
95.2305, 0.3260, 0.3672



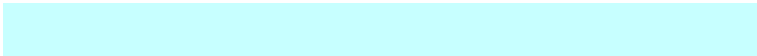
95.2305, 0.2807, 0.2931

Square

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



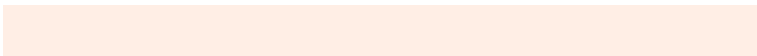
95.2305, 0.3260, 0.3672



95.2305, 0.2730, 0.3184



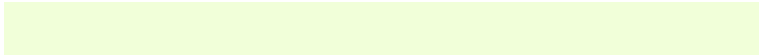
95.2305, 0.2984, 0.2937



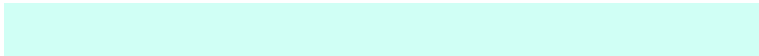
95.2305, 0.3541, 0.3372

Rectangle

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



95.2305, 0.3260, 0.3672



95.2305, 0.2904, 0.3457



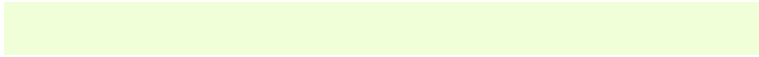
95.2305, 0.2984, 0.2937



95.2305, 0.3348, 0.3129

Sweetspot

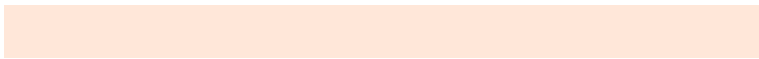
The Sweet Spot groups the original color and five complimentary colors.



95.2210, 0.3260, 0.3672



98.6520, 0.3163, 0.3388



83.3823, 0.3386, 0.3430



21.0625, 0.3169, 0.3407



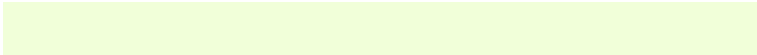
0.0000, 0.0000, 0.0000



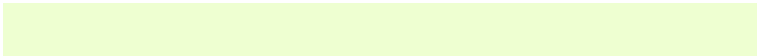
21.4041, 0.3127, 0.3290

Same Dimension

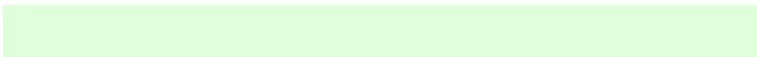
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2210, 0.3260, 0.3672



94.3103, 0.3288, 0.3756



92.0690, 0.3140, 0.3686



20.7354, 0.3212, 0.3529



41.4020, 0.3558, 0.5557



4.0933, 0.3630, 0.5500

Inverse Universe

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



73.8401, 0.2979, 0.2901



69.0505, 0.2944, 0.2813



77.1548, 0.3109, 0.2916



17.7048, 0.3037, 0.3048



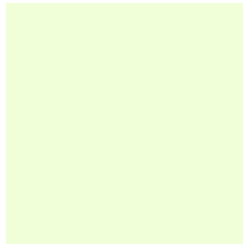
5.1016, 0.1795, 0.0763



0.5563, 0.1919, 0.0831

Previews

White Background



This preview shows how the Yxy color 95.2305, 0.3260, 0.3672 looks on a white background.

Color Contrast Check

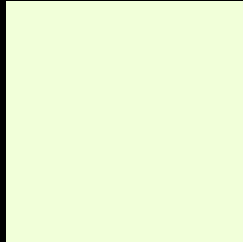
Large Text (above 18pt) WCAG AA × Fail

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 95.2305, 0.3260, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

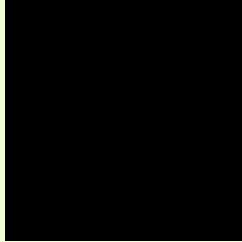
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

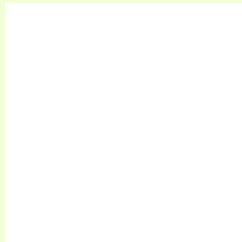
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2305, 0.3260, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 95.2305, 0.3260, 0.3672.

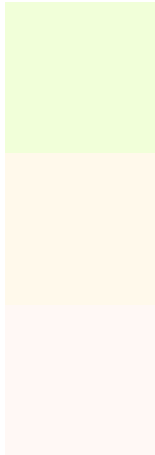


This preview shows how white text looks on a background with the Yxy color 95.2305, 0.3260, 0.3672.

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

95.2305, 0.3260, 0.3672

Protanopia

95.0095, 0.3250, 0.3426

Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

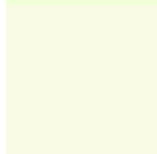
95.1111, 0.3092, 0.3232

Trichromacy



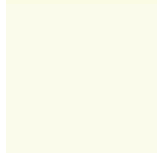
Original Color

95.2305, 0.3260, 0.3672



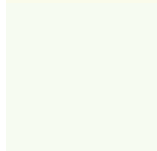
Protanomaly

94.9198, 0.3257, 0.3516



Deuteranomaly

95.3165, 0.3215, 0.3447



Tritanomaly

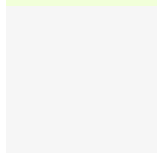
94.9381, 0.3154, 0.3388

Monochromacy



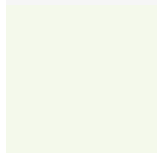
Original Color

95.2305, 0.3260, 0.3672



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9826, 0.3178, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2305, 0.3260, 0.3672 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(241, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 217)  
}
```

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(241, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 95.2305, 0.3260, 0.3672 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(241, 255, 217) }
```

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

```
.border{ border-color:rgb(241, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2305, 0.3260, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 217) }
```

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

```
.background{ background-color: rgb(241,  
255, 217) }
```

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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