

Converting Colors

$Y_{xy}(100.0000, 0.3217, 0.3693)$

Have a look what the booklet for
Yxy(100.0000, 0.3217, 0.3693)
contains.

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Color

Yxy(95.3192, 0.3225, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFDE
RGB	240, 255, 222
RGB Percent	94%, 100%, 87%
CMY	0.0586, 0.0000, 0.1294
CMYK	0.06, 0.00, 0.13, 0.00
HSL	87°, 100%, 94%
HSV	87°, 13%, 100%
XYZ	84.8949, 95.3192, 83.0259
YIQ	246.7530, 1.6530, -13.4430

Conversions

Conversions Part 2

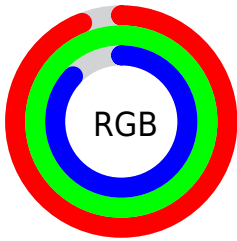
Format	Color
R_{YB}	222, 255, 237
Decimal	15794142
CIE _{Lab}	98.16, -10.55, 14.11
CIE _{LCh}	98, 17.619, 126.782
Yxy	95.3192, 0.3225, 0.3621
Android (android.graphics.Color)	4293984222 (0xFFFF0FFDE)
YUV	246.7530, -12.2032, -5.9224
Hunter-Lab	97.6316, -15.6417, 17.9219

Details

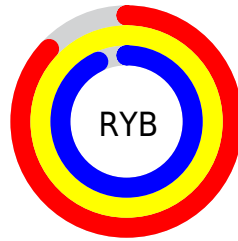
The Yxy color **95.3192, 0.3225, 0.3621** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.4497, 0.3019, 0.2957**, and the grayscale version is **92.9104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3685, 0.3244, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **92.1020, 0.3299, 0.3899**, and if you desaturate by 10%, it is **98.8798, 0.3149, 0.3362**.

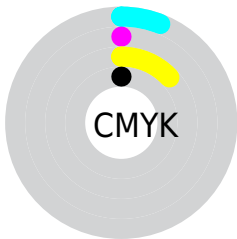
Distribution



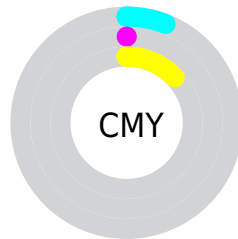
- Red (94%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.3192, 0.3225, 0.3621 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 95.3192, 0.3225, 0.3621 by changing the saturation by 10% instead.


 95.3192, 0.3225,
0.3621

 95.3192, 0.3225,
0.3621


545.1864, 0.3183,
0.3473

 72.4007, 0.3234,
0.3654


154.7055, 0.3211,
0.3570

 53.4860, 0.3244,
0.3694


191.9421, 0.3206,
0.3550

 38.1909, 0.3257,
0.3744


234.7202, 0.3201,
0.3533

 26.1309, 0.3273,
0.3808

283.4241, 0.3196,
0.3518

 16.9216, 0.3293,
0.3893

338.4383, 0.3193,
0.3505

 10.1786, 0.3318,
0.4011

400.1471, 0.3189,

 5.5175, 0.3352,

0.3493

0.4185

468.9350, 0.3186,
0.3482

■ 2.5540, 0.3396,
0.4466

■ 0.9036, 0.3995,
0.6005

■ 95.3192, 0.3225,
0.3621

■ 95.3192, 0.3225,
0.3621

■ 92.1020, 0.3299,
0.3899

■ 98.8798, 0.3149,
0.3362

■ 89.2042, 0.3369,
0.4190

99.9933, 0.3127,
0.3290

■ 86.6175, 0.3430,
0.4487

■ 84.3286, 0.3477,
0.4777

■ 82.3230, 0.3506,
0.5048

■ 80.5845, 0.3513,
0.5283

■ 79.0950, 0.3497,
0.5470

■ 77.8328, 0.3458,
0.5602

■ 77.0575, 0.3420,
0.5666

Harmonies

Analogous

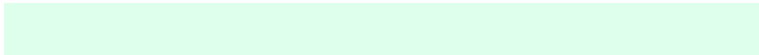
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3192, 0.3398, 0.3621



95.3192, 0.3225, 0.3621



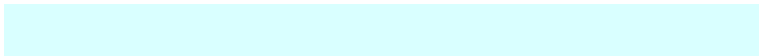
95.3192, 0.3030, 0.3525

Triad

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



95.3192, 0.3225, 0.3621



95.3192, 0.2767, 0.3039



95.3192, 0.3394, 0.3215

Complementary

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



95.3192, 0.3225, 0.3621



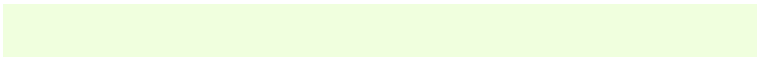
77.4497, 0.3019, 0.2957

Split Complementary

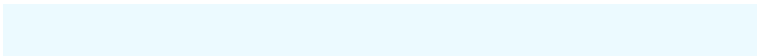
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3192, 0.3217, 0.3072



95.3192, 0.3225, 0.3621



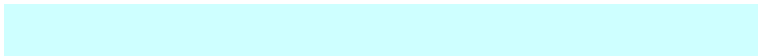
95.3192, 0.2858, 0.2969

Square

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



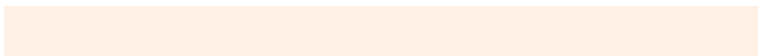
95.3192, 0.3225, 0.3621



95.3192, 0.2770, 0.3180



95.3192, 0.3021, 0.2982



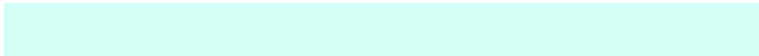
95.3192, 0.3498, 0.3381

Rectangle

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



95.3192, 0.3225, 0.3621



95.3192, 0.2914, 0.3419



95.3192, 0.3021, 0.2982



95.3192, 0.3341, 0.3163

Sweetspot

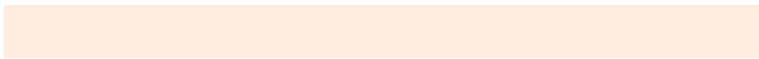
The Sweet Spot groups the original color and five complimentary colors.



95.3233, 0.3225, 0.3621



98.4957, 0.3157, 0.3389



87.0087, 0.3345, 0.3438



21.0229, 0.3163, 0.3407



0.0000, 0.0000, 0.0000



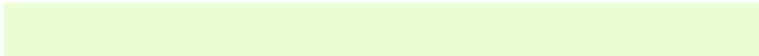
21.4041, 0.3127, 0.3290

Same Dimension

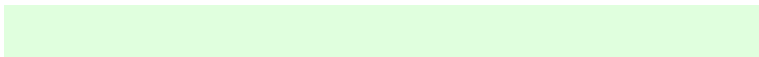
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3233, 0.3225, 0.3621



94.3113, 0.3248, 0.3704



92.5774, 0.3121, 0.3632



20.6583, 0.3199, 0.3530



40.3579, 0.3432, 0.5657



3.9944, 0.3513, 0.5592

Inverse Universe

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



77.4497, 0.3019, 0.2957



72.6803, 0.2990, 0.2873



80.4054, 0.3131, 0.2969



17.7801, 0.3050, 0.3049



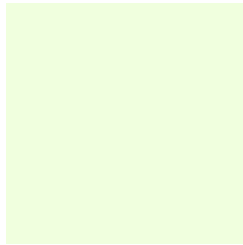
5.7756, 0.1932, 0.0838



0.6262, 0.2057, 0.0907

Previews

White Background



This preview shows how the Yxy color 95.3192, 0.3225, 0.3621 looks on a white background.

Color Contrast Check

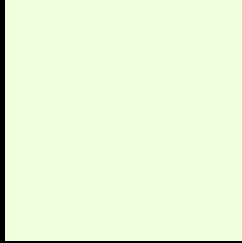
Large Text (above 18pt) WCAG AA × Fail

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 95.3192, 0.3225, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

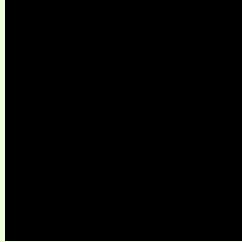
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

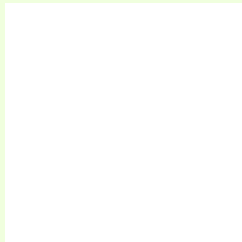
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3192, 0.3225, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 95.3192, 0.3225, 0.3621.

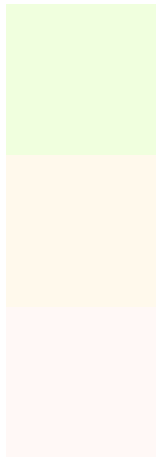


This preview shows how white text looks on a background with the Yxy color 95.3192, 0.3225, 0.3621.

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

95.3192, 0.3225, 0.3621

Protanopia

95.0675, 0.3243, 0.3416

Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.3192, 0.3225, 0.3621

Protanomaly

95.0879, 0.3239, 0.3486

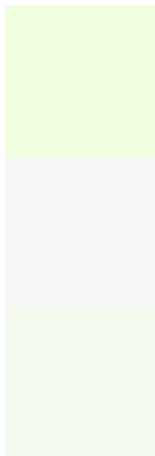
Deuteranomaly

95.4328, 0.3203, 0.3427

Tritanomaly

95.0583, 0.3142, 0.3368

Monochromacy



Original Color

95.3192, 0.3225, 0.3621

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7774, 0.3160, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3192, 0.3225, 0.3621 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(240, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 222)  
}
```

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(240, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 95.3192, 0.3225, 0.3621 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(240, 255, 222) }
```

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

```
.border{ border-color:rgb(240, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3192, 0.3225, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 222) }
```

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

```
.background{ background-color: rgb(240,  
255, 222) }
```

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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