

Converting Colors

$Yxy(92.8116, 0.3318, 0.3749)$

Have a look what the booklet for
Yxy(92.8116, 0.3318, 0.3749)
contains.

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Color

Yxy(92.6511, 0.3317, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCCF
RGB	240, 252, 207
RGB Percent	94%, 99%, 81%
CMY	0.0587, 0.0118, 0.1882
CMYK	0.05, 0.00, 0.18, 0.01
HSL	76°, 88%, 90%
HSV	76°, 18%, 99%
XYZ	82.0186, 92.6511, 72.5977
YIQ	243.2820, 7.2930, -16.5390

Conversions

Conversions Part 2

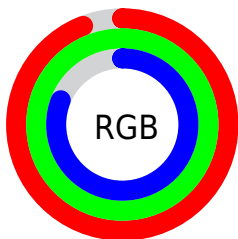
Format	Color
R_{YB}	207, 252, 219
Decimal	15793359
CIE _{Lab}	97.09, -11.42, 20.25
CIE _{LCh}	97, 23.248, 119.409
Y _{xy}	92.6511, 0.3317, 0.3747
Android (android.graphics.Color)	4293983439 (0xFFFF0FCCF)
YUV	243.2820, -17.8870, -2.8783
Hunter-Lab	96.2554, -16.3484, 22.6611

Details

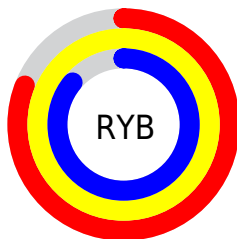
The Yxy color **92.6511, 0.3317, 0.3747** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.7137, 0.2914, 0.2813**, and the grayscale version is **90.0123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5205, 0.3354, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **90.3683, 0.3422, 0.4019**, and if you desaturate by 10%, it is **95.1820, 0.3210, 0.3485**.

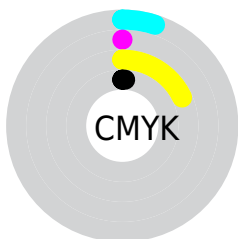
Distribution



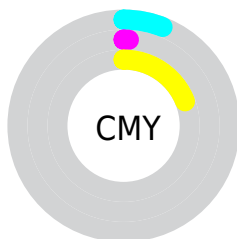
- Red (94%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6511, 0.3317, 0.3747 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 92.6511, 0.3317, 0.3747 by changing the saturation by 10% instead.

 92.6511, 0.3317,
0.3747

 92.6511, 0.3317,
0.3747

536.6176, 0.3235,
0.3541

 70.1815, 0.3334,
0.3793


151.0155, 0.3290,
0.3676

 51.6746, 0.3355,
0.3849


187.6791, 0.3279,
0.3649

 36.7457, 0.3380,
0.3919


229.8428, 0.3269,
0.3625

 25.0107, 0.3411,
0.4009

277.8911, 0.3261,
0.3604

 16.0850, 0.3450,
0.4128

332.2084, 0.3253,
0.3585

 9.5843, 0.3500,
0.4293

393.1789, 0.3247,

 5.1242, 0.3564,

0.3569

461.1872, 0.3241,
0.3554

0.4536

2.3203, 0.3668,
0.4957

0.7844, 0.3731,
0.6269

92.6511, 0.3317,
0.3747

92.6511, 0.3317,
0.3747

90.3683, 0.3422,
0.4019

95.1820, 0.3210,
0.3485

88.3117, 0.3521,
0.4293

97.8017, 0.3119,
0.3261

86.4748, 0.3609,
0.4561

98.0975, 0.3128,
0.3261

84.8461, 0.3680,
0.4809

■ 83.4128, 0.3730,
0.5027

■ 82.1606, 0.3755,
0.5203

■ 81.0726, 0.3754,
0.5331

■ 80.1262, 0.3729,
0.5413

■ 79.9344, 0.3722,
0.5427

Harmonies

Analogous

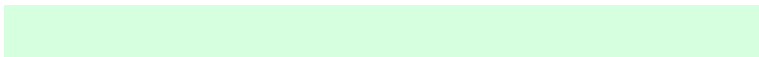
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6511, 0.3531, 0.3709



92.6511, 0.3317, 0.3747



92.6511, 0.3058, 0.3649

Triad

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



92.6511, 0.3317, 0.3747



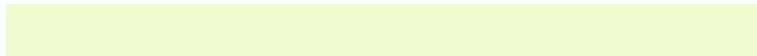
92.6511, 0.2641, 0.2992



92.6511, 0.3431, 0.3139

Complementary

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



92.6511, 0.3317, 0.3747



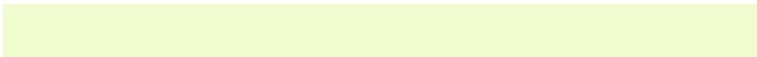
66.7137, 0.2914, 0.2813

Split Complementary

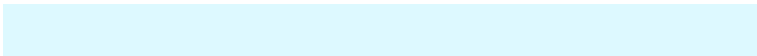
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6511, 0.3181, 0.2966



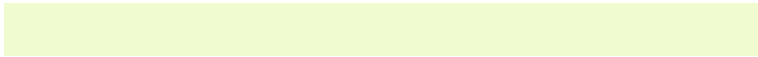
92.6511, 0.3317, 0.3747



92.6511, 0.2731, 0.2877

Square

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



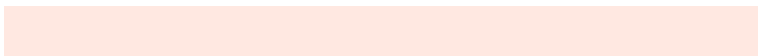
92.6511, 0.3317, 0.3747



92.6511, 0.2675, 0.3197



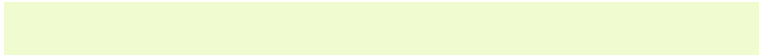
92.6511, 0.2925, 0.2871



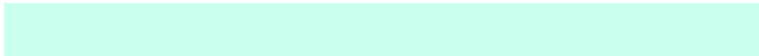
92.6511, 0.3601, 0.3353

Rectangle

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



92.6511, 0.3317, 0.3747



92.6511, 0.2896, 0.3519



92.6511, 0.2925, 0.2871



92.6511, 0.3353, 0.3075

Sweetspot

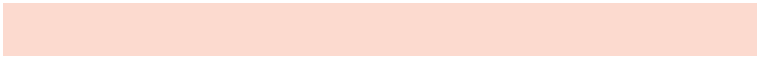
The Sweet Spot groups the original color and five complimentary colors.



92.6552, 0.3317, 0.3747



98.5688, 0.3180, 0.3413



75.4761, 0.3454, 0.3406



21.0558, 0.3187, 0.3431



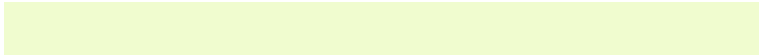
0.0000, 0.0000, 0.0000



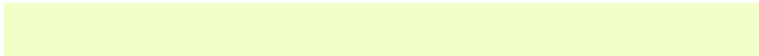
21.4041, 0.3127, 0.3290

Same Dimension

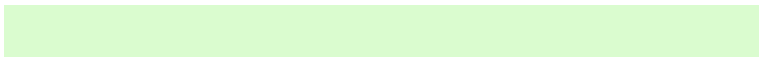
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6552, 0.3317, 0.3747



94.4182, 0.3351, 0.3832



89.0681, 0.3175, 0.3768



19.9451, 0.3228, 0.3527



41.7164, 0.3730, 0.5420



3.9153, 0.3787, 0.5375

Inverse Universe

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



66.7137, 0.2914, 0.2813



63.7540, 0.2870, 0.2720



70.3154, 0.3067, 0.2835



16.8661, 0.3020, 0.3048



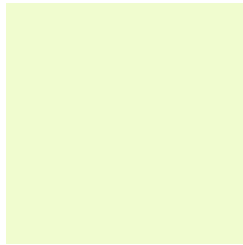
4.3431, 0.1661, 0.0689



0.4516, 0.1779, 0.0754

Previews

White Background



This preview shows how the Yxy color 92.6511, 0.3317, 0.3747 looks on a white background.

Color Contrast Check

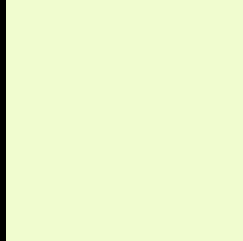
Large Text (above 18pt) WCAG AA × Fail

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 92.6511, 0.3317, 0.3747 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

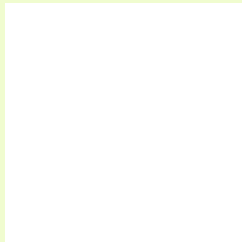
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6511, 0.3317, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 92.6511, 0.3317, 0.3747.

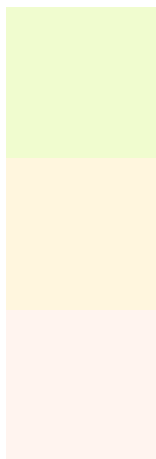


This preview shows how white text looks on a background with the Yxy color 92.6511, 0.3317, 0.3747.

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

92.6511, 0.3317, 0.3747

Protanopia

92.4455, 0.3333, 0.3526

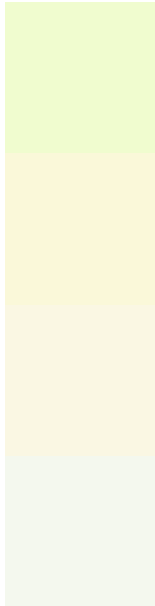
Deuteranopia

92.1934, 0.3229, 0.3339

Tritanopia

92.2990, 0.3081, 0.3193

Trichromacy



Original Color

92.6511, 0.3317, 0.3747

Protanomaly

92.4686, 0.3328, 0.3598

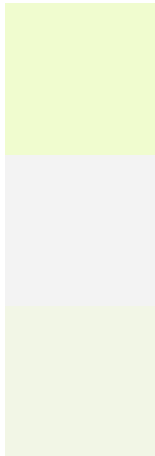
Deuteranomaly

92.3916, 0.3267, 0.3488

Tritanomaly

92.5409, 0.3161, 0.3389

Monochromacy



Original Color

92.6511, 0.3317, 0.3747

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5020, 0.3197, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6511, 0.3317, 0.3747 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, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 207)  
}
```

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, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 207) }
```

Border

The CSS property to change the border of an element to Yxy 92.6511, 0.3317, 0.3747 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, 252, 207) }
```

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

```
.border{ border-color:rgb(240, 252, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 252, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6511, 0.3317, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 207) }
```

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

```
.background{ background-color: rgb(240,  
252, 207) }
```

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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