

Converting Colors

$Yxy(91.2212, 0.3281, 0.3732)$

Have a look what the booklet for
Yxy(91.2212, 0.3281, 0.3732)
contains.

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Color

Yxy(91.2106, 0.3279, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	EBFBD0
RGB	235, 251, 208
RGB Percent	92%, 98%, 82%
CMY	0.0785, 0.0156, 0.1843
CMYK	0.06, 0.00, 0.17, 0.02
HSL	82°, 84%, 90%
HSV	82°, 17%, 98%
XYZ	80.1392, 91.2106, 73.0516
YIQ	241.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

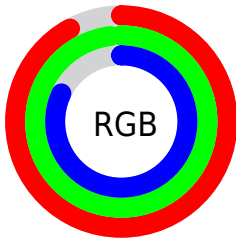
Format	Color
R _Y B	208, 251, 224
Decimal	15465424
CIE Lab	96.50, -12.54, 18.87
CIE LCh	96, 22.660, 123.603
Yxy	91.2106, 0.3279, 0.3732
Android (android.graphics.Color)	4293655504 (0xFFEBFD0)
YUV	241.3140, -16.4238, -5.5374
Hunter-Lab	95.5042, -17.3501, 21.5018

Details

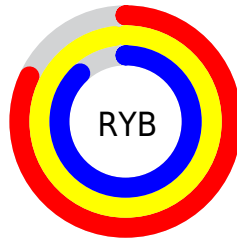
The Yxy color **91.2106, 0.3279, 0.3732** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.9252, 0.2955, 0.2839**, and the grayscale version is **88.3532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5004, 0.3306, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **88.5254, 0.3366, 0.4011**, and if you desaturate by 10%, it is **94.1829, 0.3190, 0.3468**.

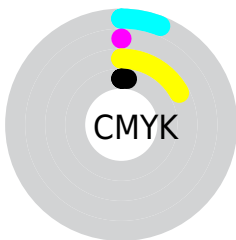
Distribution



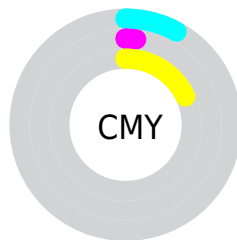
- Red (92%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (8%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2106, 0.3279, 0.3732 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 91.2106, 0.3279, 0.3732 by changing the saturation by 10% instead.

 91.2106, 0.3279,
0.3732

 91.2106, 0.3279,
0.3732


531.9611, 0.3214,
0.3531

 68.9851, 0.3293,
0.3777


149.0188, 0.3257,
0.3663

 50.6996, 0.3309,
0.3832


185.3704, 0.3249,
0.3636

 35.9696, 0.3329,
0.3900


227.1995, 0.3241,
0.3613

 24.4107, 0.3353,
0.3989

274.8904, 0.3234,
0.3592

 15.6386, 0.3383,
0.4107

328.8277, 0.3228,
0.3574

 9.2688, 0.3422,
0.4272

389.3956, 0.3223,

 4.9169, 0.3470,

0.3559

456.9786, 0.3218,
0.3544

0.4517

2.1986, 0.3548,
0.4946

0.7192, 0.3442,
0.6558

91.2106, 0.3279,
0.3732

91.2106, 0.3279,
0.3732

88.5254, 0.3366,
0.4011

94.1829, 0.3190,
0.3468

86.1050, 0.3446,
0.4297

97.2327, 0.3121,
0.3252

83.9420, 0.3516,
0.4581

97.4808, 0.3129,
0.3252

82.0245, 0.3570,
0.4850

■ 80.3389, 0.3603,
0.5092

■ 78.8703, 0.3612,
0.5294

■ 77.6011, 0.3596,
0.5445

■ 76.5093, 0.3557,
0.5545

■ 76.2202, 0.3544,
0.5568

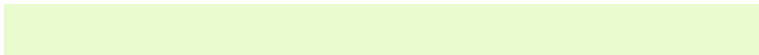
Harmonies

Analogous

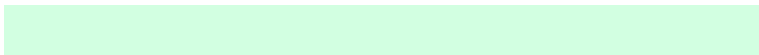
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2106, 0.3499, 0.3714



91.2106, 0.3279, 0.3732



91.2106, 0.3025, 0.3618

Triad

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



91.2106, 0.3279, 0.3732



91.2106, 0.2656, 0.2976



91.2106, 0.3454, 0.3170

Complementary

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



91.2106, 0.3279, 0.3732



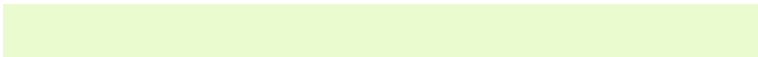
67.9252, 0.2955, 0.2839

Split Complementary

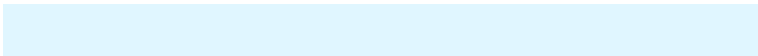
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2106, 0.3216, 0.2992



91.2106, 0.3279, 0.3732



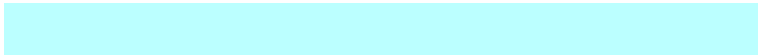
91.2106, 0.2760, 0.2878

Square

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



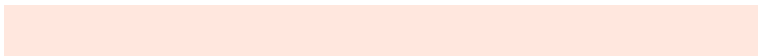
91.2106, 0.3279, 0.3732



91.2106, 0.2672, 0.3167



91.2106, 0.2962, 0.2886



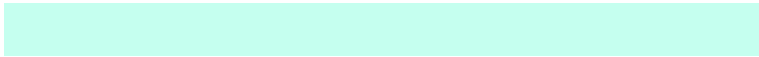
91.2106, 0.3605, 0.3382

Rectangle

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



91.2106, 0.3279, 0.3732



91.2106, 0.2870, 0.3483



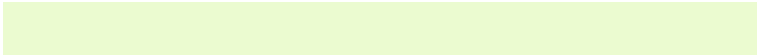
91.2106, 0.2962, 0.2886



91.2106, 0.3381, 0.3105

Sweetspot

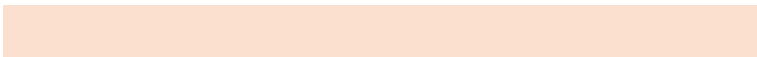
The Sweet Spot groups the original color and five complimentary colors.



91.2146, 0.3279, 0.3732



98.3162, 0.3171, 0.3414



78.2513, 0.3430, 0.3452



20.9944, 0.3178, 0.3431



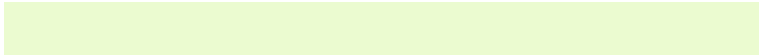
0.0000, 0.0000, 0.0000



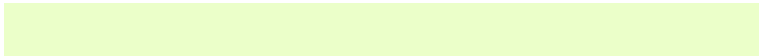
21.4041, 0.3127, 0.3290

Same Dimension

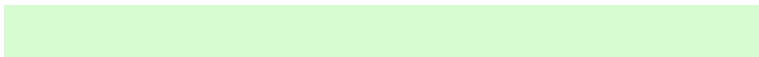
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2146, 0.3279, 0.3732



93.4294, 0.3313, 0.3839



87.8102, 0.3141, 0.3751



19.8488, 0.3211, 0.3528



40.1465, 0.3554, 0.5560



3.7787, 0.3630, 0.5500

Inverse Universe

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



67.9252, 0.2955, 0.2839



64.6380, 0.2910, 0.2727



71.5370, 0.3106, 0.2859



16.9579, 0.3037, 0.3049



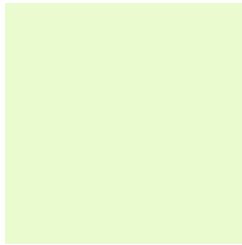
4.9740, 0.1800, 0.0765



0.5189, 0.1931, 0.0837

Previews

White Background



This preview shows how the Yxy color 91.2106, 0.3279, 0.3732 looks on a white background.

Color Contrast Check

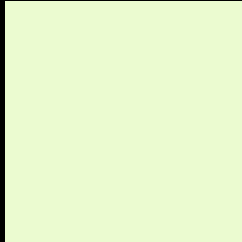
Large Text (above 18pt) WCAG AA × Fail

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 91.2106, 0.3279, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

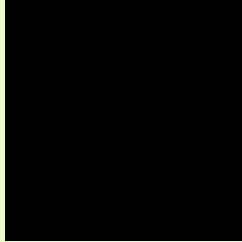
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

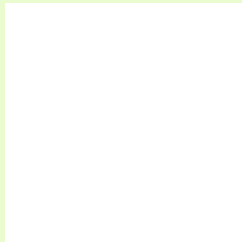
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2106, 0.3279, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 91.2106, 0.3279, 0.3732.

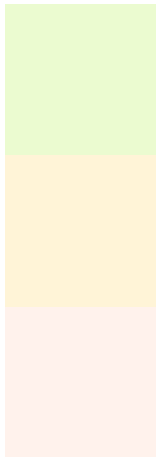


This preview shows how white text looks on a background with the Yxy color 91.2106, 0.3279, 0.3732.

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

91.2106, 0.3279, 0.3732

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

90.8204, 0.3250, 0.3349

Tritanopia

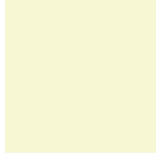
91.1545, 0.3062, 0.3182

Trichromacy



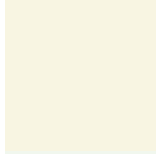
Original Color

91.2106, 0.3279, 0.3732



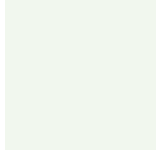
Protanomaly

91.2315, 0.3347, 0.3641



Deuteranomaly

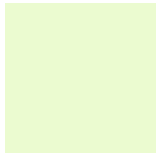
90.7523, 0.3262, 0.3479



Tritanomaly

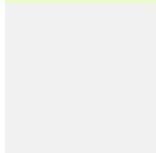
91.3953, 0.3142, 0.3380

Monochromacy



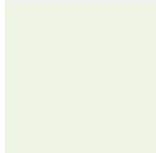
Original Color

91.2106, 0.3279, 0.3732



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3127, 0.3184, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2106, 0.3279, 0.3732 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(235, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(235, 251, 208)  
}
```

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(235, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 251, 208) }
```

Border

The CSS property to change the border of an element to Yxy 91.2106, 0.3279, 0.3732 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(235, 251, 208) }
```

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

```
.border{ border-color:rgb(235, 251, 208) }
```

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

Here you see how a box with a 4 pixel rgb(235, 251, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 251,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2106, 0.3279, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 251, 208) }
```

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

```
.background{ background-color: rgb(235,  
251, 208) }
```

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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