

Converting Colors

$Yxy(91.1326, 0.3293, 0.3952)$

Have a look what the booklet for
Yxy(91.1326, 0.3293, 0.3952)
contains.

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Color

Yxy(91.1731, 0.3296, 0.3953)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFC0
RGB	224, 255, 192
RGB Percent	88%, 100%, 75%
CMY	0.1215, 0.0000, 0.2471
CMYK	0.12, 0.00, 0.25, 0.00
HSL	89°, 100%, 88%
HSV	89°, 25%, 100%
XYZ	76.0199, 91.1731, 63.4498
YIQ	238.5490, 1.7470, -26.1650

Conversions

Conversions Part 2

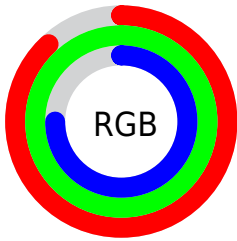
Format	Color
RYB	192, 255, 223
Decimal	14745536
CIELab	96.48, -20.71, 26.88
CIELCh	96, 33.933, 127.613
Yxy	91.1731, 0.3296, 0.3953
Android (android.graphics.Color)	4292935616 (0xFFE0FFC0)
YUV	238.5490, -22.9487, -12.7595
Hunter-Lab	95.4846, -24.9857, 27.4408

Details

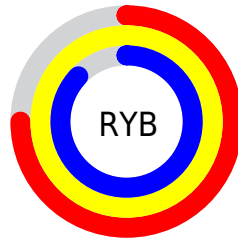
The Yxy color **91.1731, 0.3296, 0.3953** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5928, 0.2918, 0.2627**, and the grayscale version is **86.1333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **50.5480, 0.3324, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **88.2134, 0.3358, 0.4250**, and if you desaturate by 10%, it is **94.4842, 0.3229, 0.3670**.

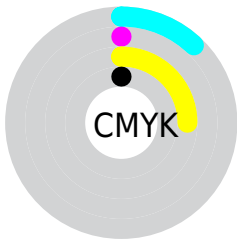
Distribution



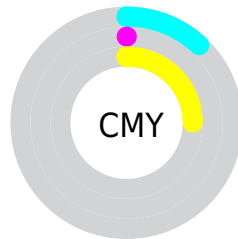
- Red (88%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.1731, 0.3296, 0.3953 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 91.1731, 0.3296, 0.3953 by changing the saturation by 10% instead.

91.1731, 0.3296,
0.3953

91.1731, 0.3296,
0.3953

531.8396, 0.3227,
0.3649

68.9540, 0.3310,
0.4022

148.9668, 0.3274,
0.3848

50.6743, 0.3325,
0.4106

185.3102, 0.3265,
0.3807

35.9494, 0.3343,
0.4211

227.1306, 0.3257,
0.3772

24.3952, 0.3364,
0.4347

274.8122, 0.3249,
0.3741

15.6270, 0.3386,
0.4529

328.7395, 0.3243,
0.3714

9.2606, 0.3408,
0.4783

389.2969, 0.3237,

4.9116, 0.3419,

0.3690

0.5157

456.8688, 0.3232,
0.3668

■ 2.1955, 0.3592,
0.6109

■ 0.7175, 0.1973,
0.8027

■ 91.1731, 0.3296,
0.3953

■ 91.1731, 0.3296,
0.3953

■ 88.2134, 0.3358,
0.4250

■ 94.4842, 0.3229,
0.3670

■ 85.5799, 0.3410,
0.4552

■ 98.1472, 0.3160,
0.3407

■ 83.2623, 0.3448,
0.4846

100.0000, 0.3127,
0.3290

■ 81.2451, 0.3467,
0.5118

■ 79.5110, 0.3465,
0.5353

■ 78.0404, 0.3440,
0.5536

■ 76.8099, 0.3394,
0.5663

■ 76.2402, 0.3364,
0.5711

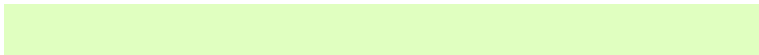
Harmonies

Analogous

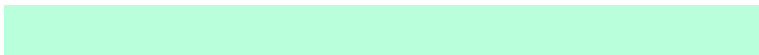
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1731, 0.3640, 0.3938



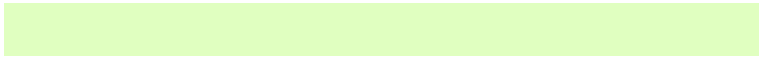
91.1731, 0.3296, 0.3953



91.1731, 0.2920, 0.3755

Triad

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



91.1731, 0.3296, 0.3953



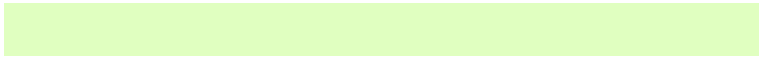
91.1731, 0.2446, 0.2790



91.1731, 0.3658, 0.3147

Complementary

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



91.1731, 0.3296, 0.3953



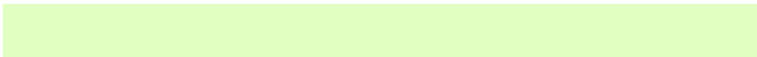
60.5928, 0.2918, 0.2627

Split Complementary

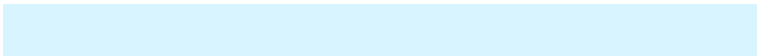
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1731, 0.3307, 0.2883



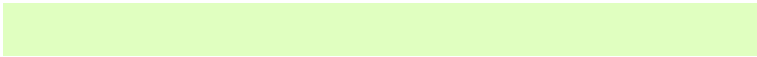
91.1731, 0.3296, 0.3953



91.1731, 0.2615, 0.2676

Square

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



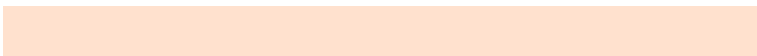
91.1731, 0.3296, 0.3953



91.1731, 0.2444, 0.3051



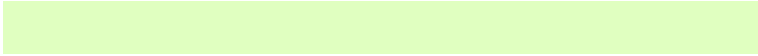
91.1731, 0.2924, 0.2714



91.1731, 0.3862, 0.3456

Rectangle

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



91.1731, 0.3296, 0.3953



91.1731, 0.2702, 0.3534



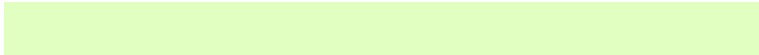
91.1731, 0.2924, 0.2714



91.1731, 0.3553, 0.3052

Sweetspot

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



91.1771, 0.3296, 0.3953



97.2772, 0.3176, 0.3465



77.5425, 0.3576, 0.3602



20.7729, 0.3180, 0.3481



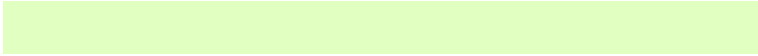
0.0000, 0.0000, 0.0000



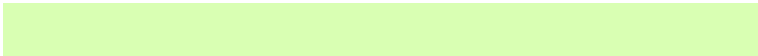
21.4041, 0.3127, 0.3290

Same Dimension

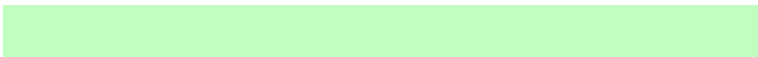
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1771, 0.3296, 0.3953



89.5680, 0.3329, 0.4109



86.6670, 0.3100, 0.3994



20.6221, 0.3193, 0.3530



39.9263, 0.3376, 0.5701



3.9525, 0.3461, 0.5634

Inverse Universe

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



60.5928, 0.2918, 0.2627



53.8739, 0.2863, 0.2471



65.9734, 0.3148, 0.2671



17.8160, 0.3056, 0.3050



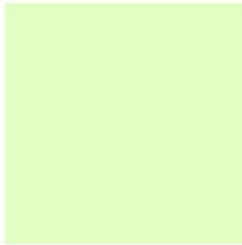
6.1519, 0.2004, 0.0878



0.6638, 0.2127, 0.0946

Previews

White Background



This preview shows how the Yxy color 91.1731, 0.3296, 0.3953 looks on a white background.

Color Contrast Check

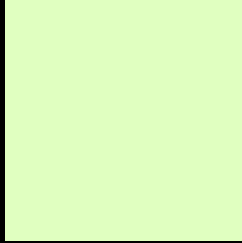
Large Text (above 18pt) WCAG AA × Fail

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 91.1731, 0.3296, 0.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

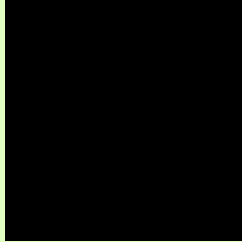
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

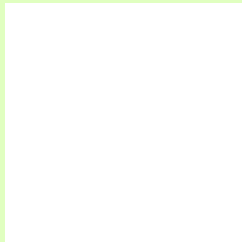
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1731, 0.3296, 0.3953

Background



This preview shows how black text looks on a background with the Yxy color 91.1731, 0.3296, 0.3953.

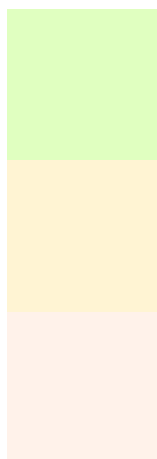


This preview shows how white text looks on a background with the Yxy color 91.1731, 0.3296, 0.3953.

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

91.1731, 0.3296, 0.3953

Protanopia

90.6645, 0.3405, 0.3617

Deuteranopia

90.7048, 0.3262, 0.3369



Tritanopia

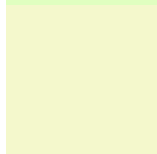
91.0501, 0.3037, 0.3191

Trichromacy



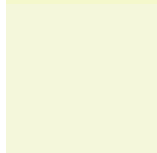
Original Color

91.1731, 0.3296, 0.3953



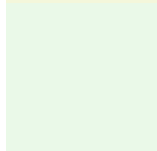
Protanomaly

90.7275, 0.3368, 0.3736



Deuteranomaly

90.8691, 0.3277, 0.3572



Tritanomaly

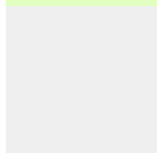
91.0700, 0.3132, 0.3462

Monochromacy



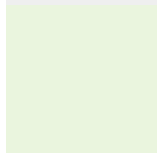
Original Color

91.1731, 0.3296, 0.3953



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0712, 0.3194, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1731, 0.3296, 0.3953 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(224, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 192)  
}
```

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(224, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 192) }
```

Border

The CSS property to change the border of an element to Yxy 91.1731, 0.3296, 0.3953 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(224, 255, 192) }
```

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

```
.border{ border-color:rgb(224, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1731, 0.3296, 0.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 192) }
```

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

```
.background{ background-color: rgb(224,  
255, 192) }
```

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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