

Converting Colors

$Yxy(92.3238, 0.3145, 0.3678)$

Have a look what the booklet for
Yxy(92.3238, 0.3145, 0.3678)
contains.

Yxy(92.2699, 0.3140, 0.3675)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.2699, 0.3140, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFDA
RGB	223, 255, 218
RGB Percent	87%, 100%, 85%
CMY	0.1256, 0.0000, 0.1452
CMYK	0.13, 0.00, 0.15, 0.00
HSL	112°, 100%, 93%
HSV	112°, 15%, 100%
XYZ	78.8374, 92.2699, 79.9672
YIQ	241.2140, -7.1950, -18.2910

Conversions

Conversions Part 2

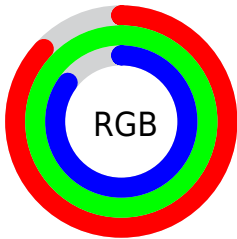
Format	Color
R_{YB}	218, 255, 250
Decimal	14680026
CIE _{Lab}	96.93, -16.98, 14.26
CIE _{LCh}	97, 22.176, 139.976
Y _{xy}	92.2699, 0.3140, 0.3675
Android (android.graphics.Color)	4292870106 (0xFFDFFFDA)
YUV	241.2140, -11.4445, -15.9737
Hunter-Lab	96.0572, -21.5992, 17.8814

Details

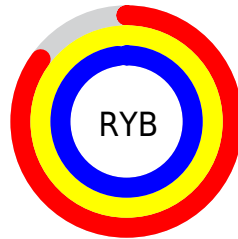
The Yxy color **92.2699, 0.3140, 0.3675** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.6755, 0.3109, 0.2926**, and the grayscale version is **88.2271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3573, 0.3144, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **87.7528, 0.3146, 0.3978**, and if you desaturate by 10%, it is **97.4382, 0.3132, 0.3403**.

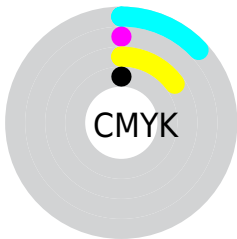
Distribution



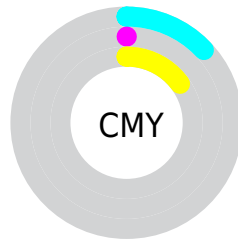
- Red (87%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2699, 0.3140, 0.3675 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 92.2699, 0.3140, 0.3675 by changing the saturation by 10% instead.


 92.2699, 0.3140,
0.3675

 92.2699, 0.3140,
0.3675


535.3874, 0.3137,
0.3500

 69.8648, 0.3140,
0.3714


150.4874, 0.3139,
0.3615

 51.4163, 0.3140,
0.3762

187.0686, 0.3139,
0.3591

 36.5401, 0.3140,
0.3823


229.1440, 0.3138,
0.3571

 24.8516, 0.3139,
0.3901

277.0980, 0.3138,
0.3553

 15.9665, 0.3136,
0.4006

331.3149, 0.3138,
0.3537

 9.5005, 0.3130,
0.4154

392.1792, 0.3137,

 5.0690, 0.3116,

0.3524

0.4376

460.0752, 0.3137,
0.3511

■ 2.2878, 0.3080,
0.4749

■ 0.7673, 0.2909,
0.7091

■ 92.2699, 0.3140,
0.3675

■ 92.2699, 0.3140,
0.3675

■ 87.7528, 0.3146,
0.3978

■ 97.4382, 0.3132,
0.3403

■ 83.8759, 0.3148,
0.4309

100.0000, 0.3127,
0.3290

■ 80.6052, 0.3146,
0.4655

■ 77.9098, 0.3137,
0.5002

■ 75.7560, 0.3122,
0.5327

■ 74.1065, 0.3100,
0.5604

■ 72.9190, 0.3073,
0.5811

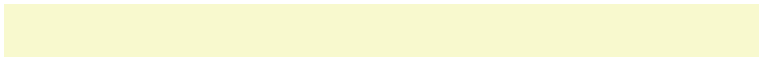
■ 72.1443, 0.3044,
0.5937

■ 71.8672, 0.3030,
0.5976

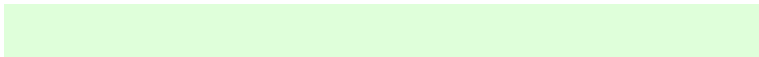
Harmonies

Analogous

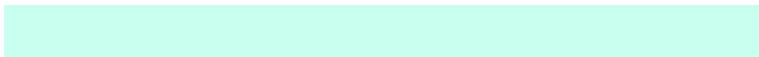
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2699, 0.3381, 0.3728



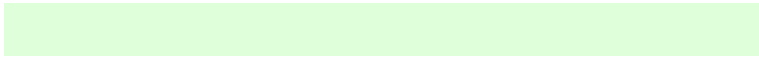
92.2699, 0.3140, 0.3675



92.2699, 0.2902, 0.3504

Triad

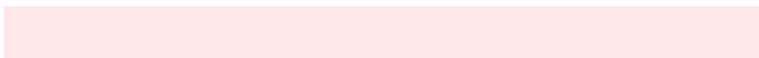
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2699, 0.3140, 0.3675



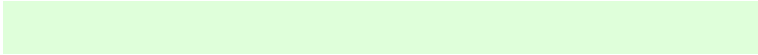
92.2699, 0.2709, 0.2919



92.2699, 0.3540, 0.3285

Complementary

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



92.2699, 0.3140, 0.3675



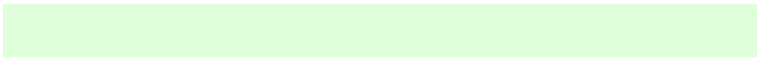
77.6755, 0.3109, 0.2926

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.



92.2699, 0.3347, 0.3087



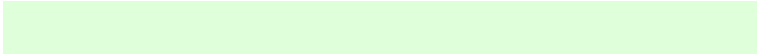
92.2699, 0.3140, 0.3675



92.2699, 0.2867, 0.2880

Square

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



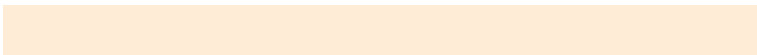
92.2699, 0.3140, 0.3675



92.2699, 0.2660, 0.3059



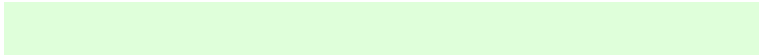
92.2699, 0.3099, 0.2942



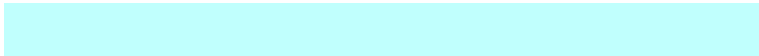
92.2699, 0.3618, 0.3491

Rectangle

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



92.2699, 0.3140, 0.3675



92.2699, 0.2777, 0.3353



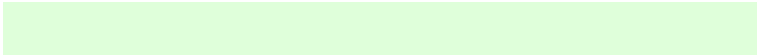
92.2699, 0.3099, 0.2942



92.2699, 0.3486, 0.3216

Sweetspot

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



92.2646, 0.3140, 0.3675



97.7252, 0.3131, 0.3389



94.3485, 0.3353, 0.3599



20.8283, 0.3132, 0.3409



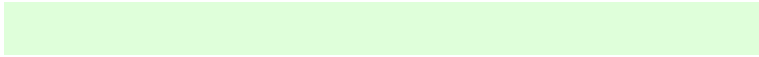
0.0000, 0.0000, 0.0000



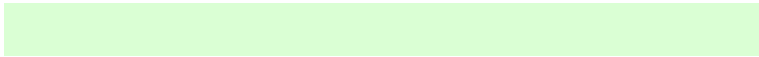
21.4041, 0.3127, 0.3290

Same Dimension

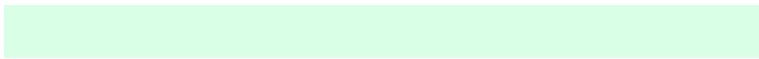
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2646, 0.3140, 0.3675



91.0844, 0.3142, 0.3747



92.1877, 0.3036, 0.3540



20.2856, 0.3136, 0.3534



37.5879, 0.3036, 0.5972



3.6942, 0.3092, 0.5927

Inverse Universe

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



77.6755, 0.3109, 0.2926



74.2993, 0.3105, 0.2862



77.8042, 0.3231, 0.3053



18.1688, 0.3116, 0.3054



11.8190, 0.2870, 0.1355



1.1837, 0.2911, 0.1377

Previews

White Background



This preview shows how the Yxy color 92.2699, 0.3140, 0.3675 looks on a white background.

Color Contrast Check

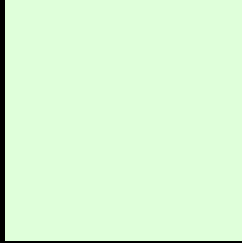
Large Text (above 18pt) WCAG AA × Fail

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 92.2699, 0.3140, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

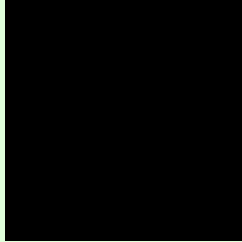
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

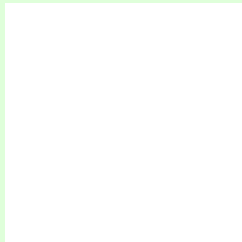
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2699, 0.3140, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 92.2699, 0.3140, 0.3675.

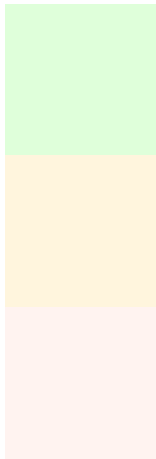


This preview shows how white text looks on a background with the Yxy color 92.2699, 0.3140, 0.3675.

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

92.2699, 0.3140, 0.3675

Protanopia

91.7853, 0.3341, 0.3527

Deuteranopia

91.6525, 0.3224, 0.3319



Tritanopia

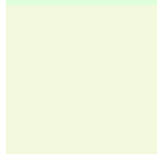
92.2668, 0.3036, 0.3211

Trichromacy



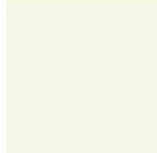
Original Color

92.2699, 0.3140, 0.3675



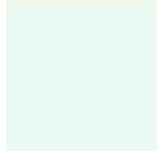
Protanomaly

91.9734, 0.3262, 0.3582



Deuteranomaly

91.4024, 0.3191, 0.3440



Tritanomaly

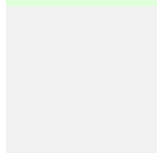
92.2744, 0.3073, 0.3370

Monochromacy



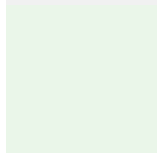
Original Color

92.2699, 0.3140, 0.3675



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2872, 0.3127, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2699, 0.3140, 0.3675 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(223, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 218)  
}
```

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(223, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 92.2699, 0.3140, 0.3675 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(223, 255, 218) }
```

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

```
.border{ border-color:rgb(223, 255, 218) }
```

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

Here you see how a box with a 4 pixel rgb(223, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2699, 0.3140, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 218) }
```

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

```
.background{ background-color: rgb(223,  
255, 218) }
```

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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