

Converting Colors

Yxy(92.0928, 0.3104, 0.3637)

Have a look what the booklet for
Yxy(92.0928, 0.3104, 0.3637)
contains.

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Color

Yxy(92.1661, 0.3105, 0.3633)

Conversions

Conversions Part 1	
Format	Color
Hex	DDFFDE
RGB	221, 255, 222
RGB Percent	87%, 100%, 87%
CMY	0.1332, 0.0000, 0.1294
CMYK	0.13, 0.00, 0.13, 0.00
HSL	122°, 100%, 93%
HSV	122°, 13%, 100%
XYZ	78.7712, 92.1661, 82.7541
YIQ	241.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

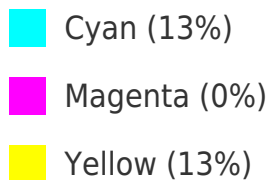
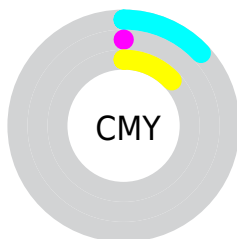
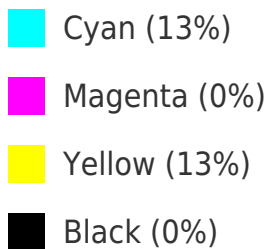
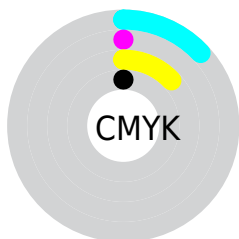
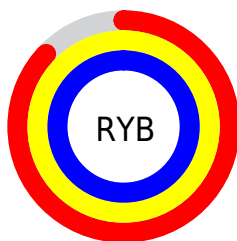
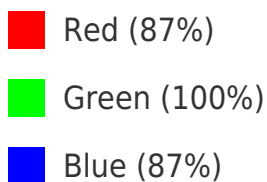
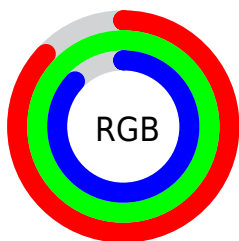
Format	Color
RYB	221, 254, 255
Decimal	14548958
CIELab	96.89, -16.93, 12.12
CIELCh	97, 20.820, 144.411
Yxy	92.1661, 0.3105, 0.3633
Android (android.graphics.Color)	4292739038 (0xFFDDFFDE)
YUV	241.0720, -9.4025, -17.6031
Hunter-Lab	96.0032, -21.5452, 16.0946

Details

The Yxy color **92.1661, 0.3105, 0.3633** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1444, 0.3149, 0.2969**, and the grayscale version is **88.1105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2852, 0.3100, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **87.2342, 0.3087, 0.3930**, and if you desaturate by 10%, it is **97.9087, 0.3122, 0.3370**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1661, 0.3105, 0.3633 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 92.1661, 0.3105, 0.3633 by changing the saturation by 10% instead.


 92.1661, 0.3105,
0.3633

 92.1661, 0.3105,
0.3633


535.0522, 0.3117,
0.3477

 69.7786, 0.3102,
0.3668


150.3436, 0.3109,
0.3579

 51.3461, 0.3098,
0.3711


186.9023, 0.3111,
0.3559

 36.4841, 0.3093,
0.3765

228.9537, 0.3112,
0.3540

 24.8083, 0.3086,
0.3834

276.8819, 0.3113,
0.3525

 15.9343, 0.3076,
0.3927

331.0715, 0.3114,
0.3511

 9.4777, 0.3060,
0.4059


391.9068, 0.3115,


 5.0540, 0.3033,


0.3498


0.4257


459.7722, 0.3116,
0.3487


 2.2790, 0.2979,
0.4591


 0.7626, 0.2900,
0.7100

 92.1661, 0.3105,
0.3633

 92.1661, 0.3105,
0.3633


 87.2342, 0.3087,
0.3930

 97.9087, 0.3122,
0.3370

 83.0655, 0.3068,
0.4258


99.9986, 0.3127,
0.3290


 79.6254, 0.3048,
0.4608

 76.8721, 0.3030,
0.4962

 74.7594, 0.3015,
0.5298

 73.2357, 0.3004,
0.5589

 72.2413, 0.2998,
0.5808

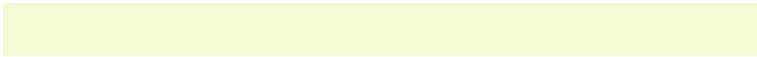
 71.7037, 0.2997,
0.5943

 71.5348, 0.2997,
0.5988

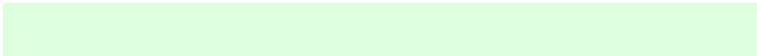
Harmonies

Analogous

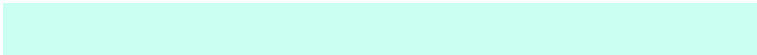
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1661, 0.3335, 0.3702



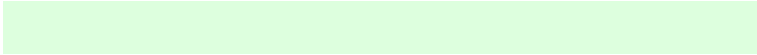
92.1661, 0.3105, 0.3633



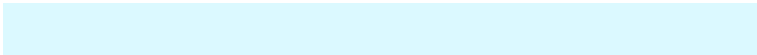
92.1661, 0.2887, 0.3461

Triad

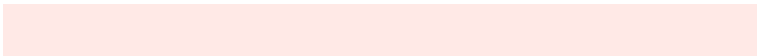
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1661, 0.3105, 0.3633



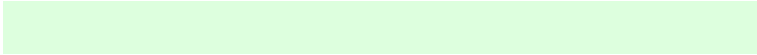
92.1661, 0.2750, 0.2929



92.1661, 0.3534, 0.3315

Complementary

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



92.1661, 0.3105, 0.3633



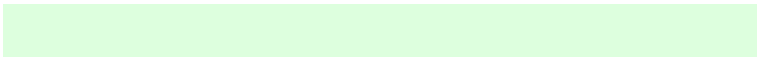
80.1444, 0.3149, 0.2969

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.



92.1661, 0.3366, 0.3125



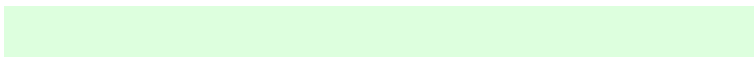
92.1661, 0.3105, 0.3633



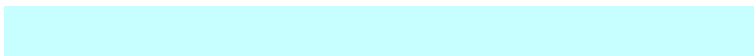
92.1661, 0.2912, 0.2906

Square

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



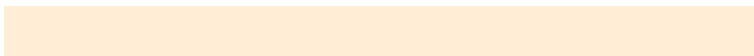
92.1661, 0.3105, 0.3633



92.1661, 0.2687, 0.3049



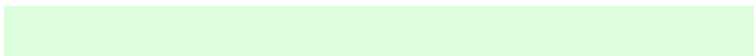
92.1661, 0.3136, 0.2978



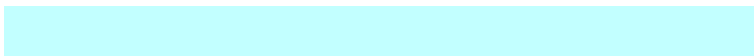
92.1661, 0.3588, 0.3506

Rectangle

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



92.1661, 0.3105, 0.3633



92.1661, 0.2776, 0.3316



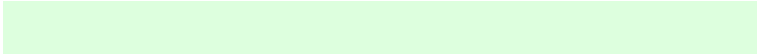
92.1661, 0.3136, 0.2978



92.1661, 0.3488, 0.3249

Sweetspot

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



92.1700, 0.3105, 0.3633



97.4950, 0.3121, 0.3387



97.8930, 0.3324, 0.3621



20.7703, 0.3120, 0.3405



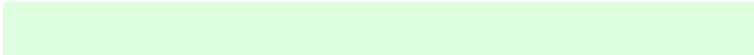
0.0000, 0.0000, 0.0000



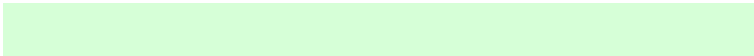
21.4041, 0.3127, 0.3290

Same Dimension

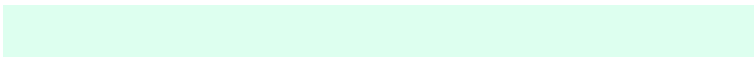
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1700, 0.3105, 0.3633



90.7723, 0.3100, 0.3709



93.1025, 0.3012, 0.3458



20.1767, 0.3112, 0.3528



37.3829, 0.2995, 0.5982



3.6427, 0.2983, 0.5941

Inverse Universe

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



80.1444, 0.3149, 0.2969



76.5984, 0.3154, 0.2904



79.1284, 0.3259, 0.3128



18.2907, 0.3143, 0.3063



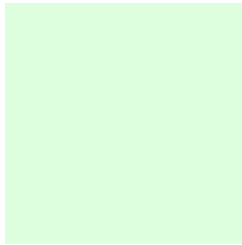
14.6413, 0.3283, 0.1582



1.4283, 0.3274, 0.1577

Previews

White Background



This preview shows how the Yxy color 92.1661, 0.3105, 0.3633 looks on a white background.

Color Contrast Check

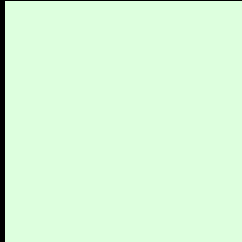
Large Text (above 18pt) WCAG AA × Fail

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 92.1661, 0.3105, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

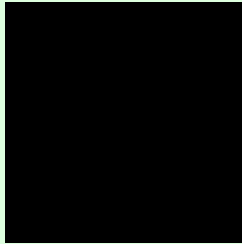
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

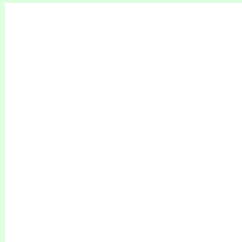
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1661, 0.3105, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 92.1661, 0.3105, 0.3633.

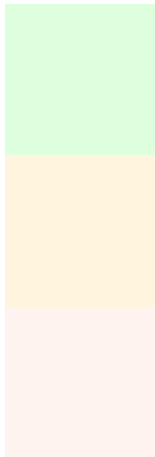


This preview shows how white text looks on a background with the Yxy color 92.1661, 0.3105, 0.3633.

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

92.1661, 0.3105, 0.3633

Protanopia

91.8387, 0.3334, 0.3517

Deuteranopia

91.6525, 0.3224, 0.3319



Tritanopia

92.0923, 0.3030, 0.3211

Trichromacy

	Original Color 92.1661, 0.3105, 0.3633
	Protanomaly 92.0800, 0.3250, 0.3561
	Deuteranomaly 91.4594, 0.3185, 0.3430
	Tritanomaly 91.9981, 0.3055, 0.3360

Monochromacy

	Original Color 92.1661, 0.3105, 0.3633
	Achromatopsia 87.9622, 0.3127, 0.3290
	Achromatomaly 89.3445, 0.3121, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1661, 0.3105, 0.3633 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(221, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 92.1661, 0.3105, 0.3633 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(221, 255, 222) }
```

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

```
.border{ border-color:rgb(221, 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(221, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1661, 0.3105, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 222) }
```

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

```
.background{ background-color: rgb(221,  
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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awesome pro features!

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