

Converting Colors

Yxy(90.9883, 0.3100, 0.3607)

Have a look what the booklet for
Yxy(90.9883, 0.3100, 0.3607)
contains.

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Color

Yxy(90.9504, 0.3100, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	DDFDDF
RGB	221, 253, 223
RGB Percent	87%, 99%, 87%
CMY	0.1335, 0.0078, 0.1256
CMYK	0.13, 0.00, 0.12, 0.01
HSL	124°, 89%, 93%
HSV	124°, 13%, 99%
XYZ	78.2532, 90.9504, 83.2261
YIQ	240.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

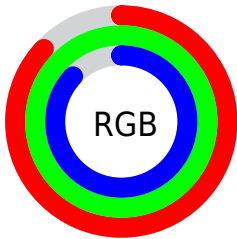
Format	Color
R _Y B	221, 251, 253
Decimal	14548447
CIE Lab	96.39, -15.81, 10.91
CIE LCh	96, 19.213, 145.397
Yxy	90.9504, 0.3100, 0.3603
Android (android.graphics.Color)	4292738527 (0xFFDDFDFF)
YUV	240.0120, -8.3869, -16.6735
Hunter-Lab	95.3679, -20.4275, 15.0161

Details

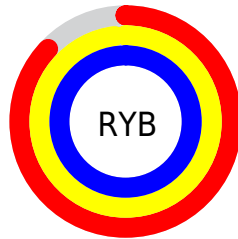
The Yxy color **90.9504, 0.3100, 0.3603** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.5470, 0.3155, 0.2996**, and the grayscale version is **87.2169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4140, 0.3094, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **86.0875, 0.3077, 0.3887**, and if you desaturate by 10%, it is **96.5987, 0.3122, 0.3352**.

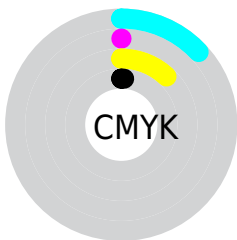
Distribution



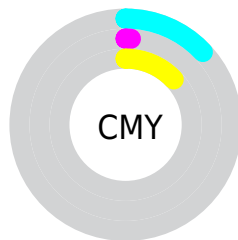
- Red (87%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)




- Cyan (13%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9504, 0.3100, 0.3603 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 90.9504, 0.3100, 0.3603 by changing the saturation by 10% instead.


 90.9504, 0.3100,
0.3603

 90.9504, 0.3100,
0.3603

531.1176, 0.3114,
0.3461

 68.7692, 0.3097,
0.3635

148.6578, 0.3105,
0.3554

 50.5237, 0.3092,
0.3674


184.9528, 0.3107,
0.3535

 35.8297, 0.3087,
0.3723


226.7212, 0.3108,
0.3518

 24.3027, 0.3079,
0.3787

274.3474, 0.3110,
0.3504

 15.5583, 0.3069,
0.3872

328.2157, 0.3111,
0.3491

 9.2122, 0.3052,
0.3993

388.7106, 0.3112,

 4.8798, 0.3025,

0.3480

0.4176

456.2164, 0.3113,
0.3470

■ 2.1769, 0.2972,
0.4485

■ 0.7074, 0.2860,
0.7066

■ 90.9504, 0.3100,
0.3603

■ 90.9504, 0.3100,
0.3603

■ 86.0875, 0.3077,
0.3887

■ 96.5987, 0.3122,
0.3352

■ 81.9642, 0.3054,
0.4202

■ 98.7406, 0.3128,
0.3271

■ 78.5477, 0.3032,
0.4539

■ 75.7983, 0.3013,
0.4885

■ 73.6724, 0.2997,
0.5218

■ 72.1211, 0.2988,
0.5515

■ 71.0881, 0.2985,
0.5750

■ 70.5059, 0.2988,
0.5907

■ 70.2976, 0.2992,
0.5972

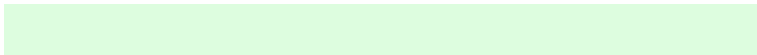
Harmonies

Analogous

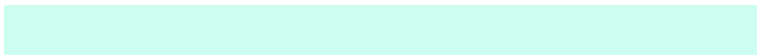
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9504, 0.3314, 0.3670



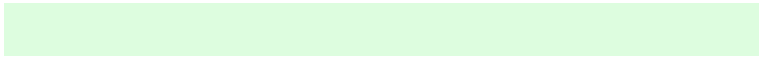
90.9504, 0.3100, 0.3603



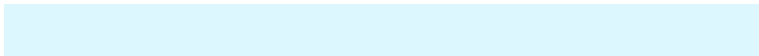
90.9504, 0.2899, 0.3442

Triad

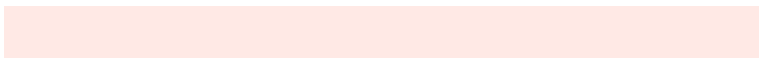
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.9504, 0.3100, 0.3603



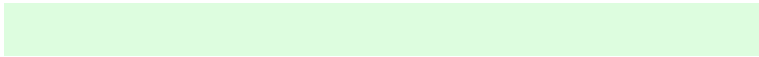
90.9504, 0.2780, 0.2953



90.9504, 0.3507, 0.3320

Complementary

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



90.9504, 0.3100, 0.3603



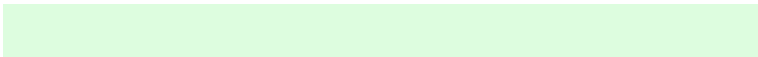
79.5470, 0.3155, 0.2996

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.



90.9504, 0.3355, 0.3142



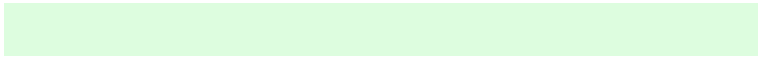
90.9504, 0.3100, 0.3603



90.9504, 0.2934, 0.2934

Square

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



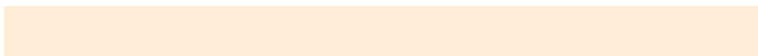
90.9504, 0.3100, 0.3603



90.9504, 0.2718, 0.3062



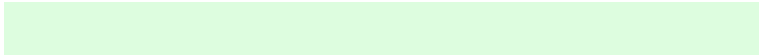
90.9504, 0.3143, 0.3003



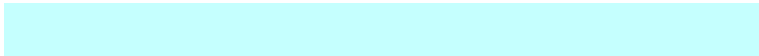
90.9504, 0.3554, 0.3497

Rectangle

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



90.9504, 0.3100, 0.3603



90.9504, 0.2797, 0.3308



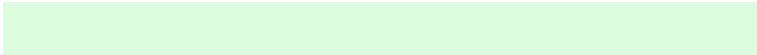
90.9504, 0.3143, 0.3003



90.9504, 0.3466, 0.3259

Sweetspot

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



90.9543, 0.3100, 0.3603



97.5160, 0.3119, 0.3383



96.0655, 0.3307, 0.3605



20.7756, 0.3117, 0.3401



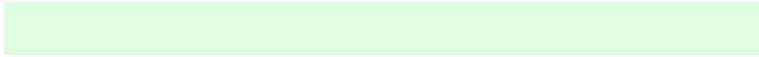
0.0000, 0.0000, 0.0000



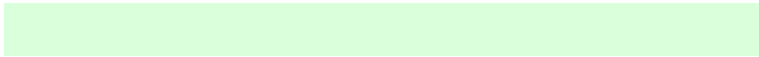
21.4041, 0.3127, 0.3290

Same Dimension

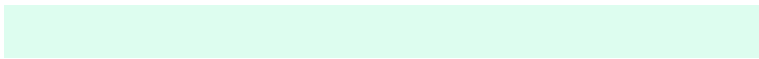
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9543, 0.3100, 0.3603



91.3558, 0.3095, 0.3667



91.8358, 0.3012, 0.3438



20.1866, 0.3107, 0.3520



37.3973, 0.2989, 0.5962



3.6474, 0.2965, 0.5873

Inverse Universe

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



79.5470, 0.3155, 0.2996



77.8233, 0.3161, 0.2940



78.6023, 0.3259, 0.3147



18.2795, 0.3148, 0.3070



14.3737, 0.3373, 0.1632



1.4052, 0.3353, 0.1621

Previews

White Background



This preview shows how the Yxy color 90.9504, 0.3100, 0.3603 looks on a white background.

Color Contrast Check

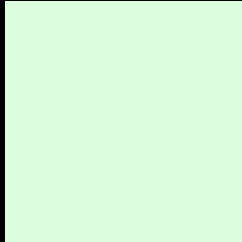
Large Text (above 18pt) WCAG AA × Fail

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 90.9504, 0.3100, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

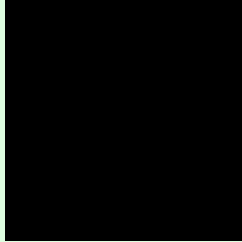
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

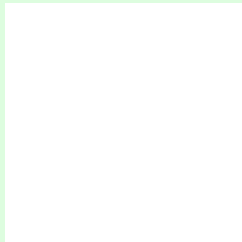
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.9504, 0.3100, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 90.9504, 0.3100, 0.3603.

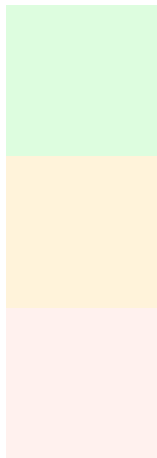


This preview shows how white text looks on a background with the Yxy color 90.9504, 0.3100, 0.3603.

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

90.9504, 0.3100, 0.3603

Protanopia

90.4231, 0.3362, 0.3537

Deuteranopia

90.3436, 0.3238, 0.3320



Tritanopia

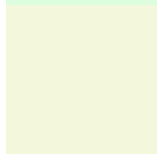
90.5293, 0.3018, 0.3191

Trichromacy



Original Color

90.9504, 0.3100, 0.3603



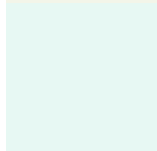
Protanomaly

90.7435, 0.3264, 0.3562



Deuteranomaly

90.2427, 0.3186, 0.3410



Tritanomaly

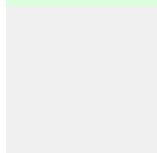
90.5948, 0.3049, 0.3340

Monochromacy



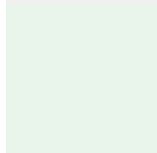
Original Color

90.9504, 0.3100, 0.3603



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5690, 0.3115, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9504, 0.3100, 0.3603 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, 253, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 253, 223)  
}
```

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, 253, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 253, 223) }
```

Border

The CSS property to change the border of an element to Yxy 90.9504, 0.3100, 0.3603 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, 253, 223) }
```

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

```
.border{ border-color:rgb(221, 253, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 253, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 253, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 253, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 253,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9504, 0.3100, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 253, 223) }
```

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

```
.background{ background-color: rgb(221,  
253, 223) }
```

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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