

Converting Colors

$Yxy(91.0307, 0.3069, 0.3557)$

Have a look what the booklet for
Yxy(91.0307, 0.3069, 0.3557)
contains.

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Color

Yxy(91.0123, 0.3071, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	DCFDE3
RGB	220, 253, 227
RGB Percent	86%, 99%, 89%
CMY	0.1372, 0.0078, 0.1096
CMYK	0.13, 0.00, 0.10, 0.01
HSL	133°, 89%, 93%
HSV	133°, 13%, 99%
XYZ	78.5109, 91.0123, 86.1293
YIQ	240.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

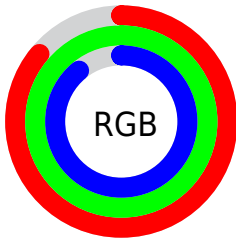
Format	Color
R _Y B	220, 247, 253
Decimal	14482915
CIE Lab	96.42, -15.41, 8.85
CIE LCh	96, 17.772, 150.124
Yxy	91.0123, 0.3071, 0.3560
Android (android.graphics.Color)	4292672995 (0xFFDCFD3)
YUV	240.1690, -6.4923, -17.6882
Hunter-Lab	95.4004, -20.0519, 13.2521

Details

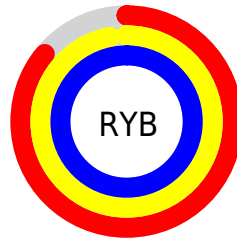
The Yxy color **91.0123, 0.3071, 0.3560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7246, 0.3189, 0.3034**, and the grayscale version is **87.3402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.4577, 0.3057, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **86.3258, 0.3028, 0.3798**, and if you desaturate by 10%, it is **96.4311, 0.3114, 0.3349**.

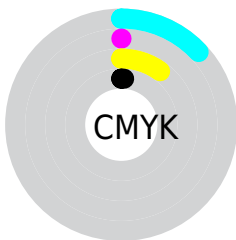
Distribution



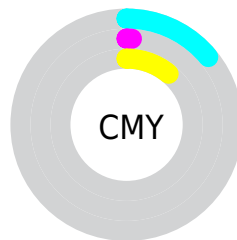
- Red (86%)
- Green (99%)
- Blue (89%)



- Red (86%)
- Yellow (97%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)





- Cyan (14%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0123, 0.3071, 0.3560 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 91.0123, 0.3071, 0.3560 by changing the saturation by 10% instead.


 91.0123, 0.3071,
0.3560

 91.0123, 0.3071,
0.3560


531.3183, 0.3097,
0.3438

 68.8205, 0.3065,
0.3587

148.7437, 0.3080,
0.3518

 50.5656, 0.3058,
0.3621

185.0522, 0.3084,
0.3501

 35.8630, 0.3048,
0.3663


226.8350, 0.3087,
0.3487

 24.3284, 0.3036,
0.3718

274.4766, 0.3089,
0.3475

 15.5774, 0.3019,
0.3791

328.3613, 0.3092,
0.3464

 9.2256, 0.2994,
0.3894

388.8736, 0.3094,

 4.8886, 0.2956,

0.3454

456.3978, 0.3096,
0.3445

0.4050

2.1821, 0.2887,
0.4313

0.7102, 0.2569,
0.6104

91.0123, 0.3071,
0.3560

91.0123, 0.3071,
0.3560

86.3258, 0.3028,
0.3798


96.4311, 0.3114,
0.3349


82.3288, 0.2988,
0.4061


98.7313, 0.3128,
0.3271

78.9919, 0.2951,
0.4346


76.2790, 0.2923,
0.4644

 74.1504, 0.2904,
0.4944

 72.5617, 0.2898,
0.5230

 71.4622, 0.2906,
0.5485

 70.7908, 0.2927,
0.5692

 70.5169, 0.2945,
0.5803

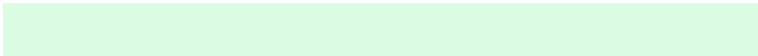
Harmonies

Analogous

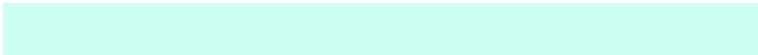
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0123, 0.3270, 0.3638



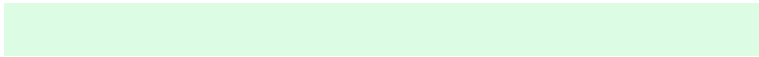
91.0123, 0.3071, 0.3560



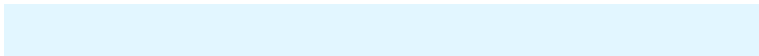
91.0123, 0.2891, 0.3402

Triad

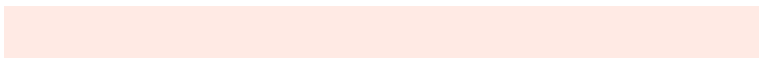
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0123, 0.3071, 0.3560



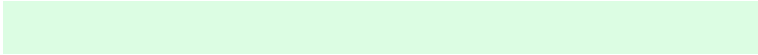
91.0123, 0.2823, 0.2970



91.0123, 0.3492, 0.3345

Complementary

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



91.0123, 0.3071, 0.3560



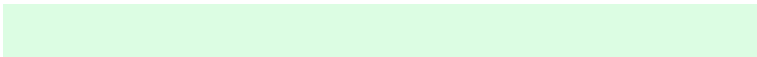
78.7246, 0.3189, 0.3034

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.



91.0123, 0.3365, 0.3178



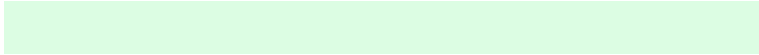
91.0123, 0.3071, 0.3560



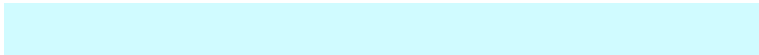
91.0123, 0.2976, 0.2965

Square

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



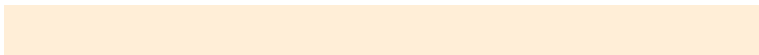
91.0123, 0.3071, 0.3560



91.0123, 0.2751, 0.3059



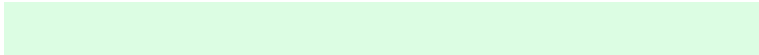
91.0123, 0.3174, 0.3040



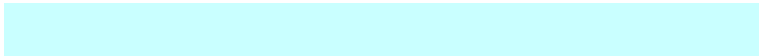
91.0123, 0.3518, 0.3505

Rectangle

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



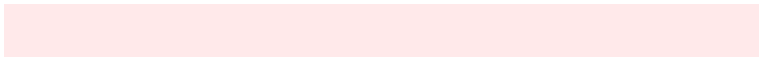
91.0123, 0.3071, 0.3560



91.0123, 0.2805, 0.3278



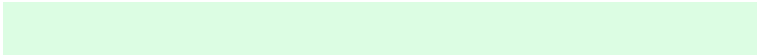
91.0123, 0.3174, 0.3040



91.0123, 0.3460, 0.3288

Sweetspot

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



91.0162, 0.3071, 0.3560



97.6103, 0.3110, 0.3368



95.0846, 0.3280, 0.3618



20.7994, 0.3107, 0.3383



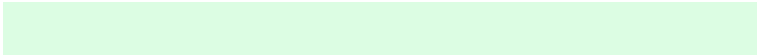
0.0000, 0.0000, 0.0000



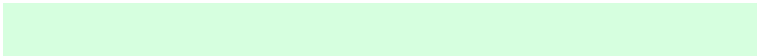
21.4041, 0.3127, 0.3290

Same Dimension

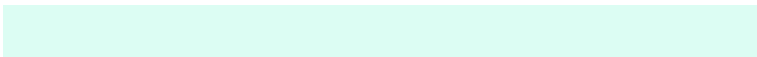
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0162, 0.3071, 0.3560



91.1684, 0.3058, 0.3628



91.9452, 0.2981, 0.3391



20.2315, 0.3086, 0.3482



37.5292, 0.2939, 0.5780



3.6693, 0.2884, 0.5581

Inverse Universe

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



78.7246, 0.3189, 0.3034



76.1269, 0.3204, 0.2974



77.7806, 0.3298, 0.3191



18.2302, 0.3171, 0.3105



13.3265, 0.3836, 0.1887



1.3133, 0.3750, 0.1840

Previews

White Background



This preview shows how the Yxy color 91.0123, 0.3071, 0.3560 looks on a white background.

Color Contrast Check

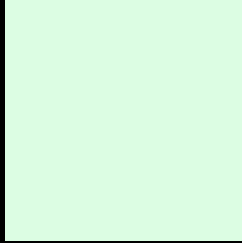
Large Text (above 18pt) WCAG AA × Fail

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 91.0123, 0.3071, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

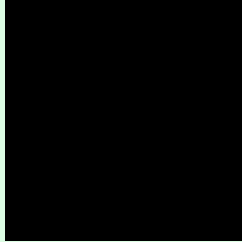
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

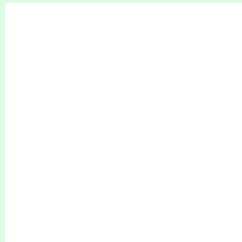
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0123, 0.3071, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 91.0123, 0.3071, 0.3560.

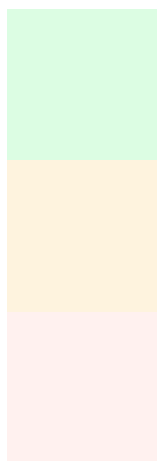


This preview shows how white text looks on a background with the Yxy color 91.0123, 0.3071, 0.3560.

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

91.0123, 0.3071, 0.3560

Protanopia

90.4459, 0.3330, 0.3498

Deuteranopia

90.4026, 0.3232, 0.3310



Tritanopia

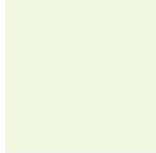
90.9644, 0.3012, 0.3201

Trichromacy



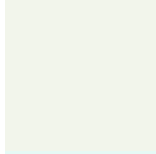
Original Color

91.0123, 0.3071, 0.3560



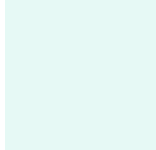
Protanomaly

90.7806, 0.3233, 0.3522



Deuteranomaly

90.1802, 0.3168, 0.3390



Tritanomaly

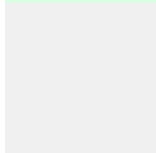
91.1669, 0.3031, 0.3330

Monochromacy



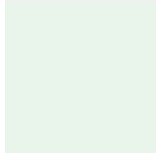
Original Color

91.0123, 0.3071, 0.3560



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.6266, 0.3110, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0123, 0.3071, 0.3560 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(220, 253, 227)` looks like.

```
.text, #text, p{  
    color:rgb(220, 253, 227)  
}
```

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(220, 253, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 253, 227) }
```

Border

The CSS property to change the border of an element to Yxy 91.0123, 0.3071, 0.3560 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(220, 253, 227) }
```

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

```
.border{ border-color:rgb(220, 253, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 253, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 253, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 253, 227); box-shadow:4px 4px 4px 4px rgb(220, 253, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0123, 0.3071, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 253, 227) }
```

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

```
.background{ background-color: rgb(220,  
253, 227) }
```

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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