

Converting Colors

$Y_{xy}(100.0000, 0.3053, 0.3695)$

Have a look what the booklet for
Yxy(100.0000, 0.3053, 0.3695)
contains.

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Color

Yxy(92.0269, 0.3053, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFE4
RGB	218, 255, 228
RGB Percent	85%, 100%, 89%
CMY	0.1450, 0.0000, 0.1059
CMYK	0.15, 0.00, 0.11, 0.00
HSL	136°, 100%, 93%
HSV	136°, 15%, 100%
XYZ	78.6777, 92.0269, 87.0016
YIQ	240.8590, -13.3850, -16.2410

Conversions

Conversions Part 2

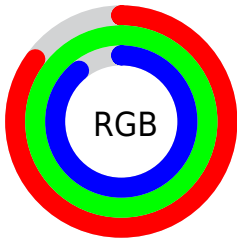
Format	Color
R _Y B	218, 247, 255
Decimal	14352356
CIE _{Lab}	96.83, -16.87, 8.95
CIE _{LCh}	97, 19.098, 152.062
Y _{xy}	92.0269, 0.3053, 0.3571
Android (android.graphics.Color)	4292542436 (0xFFDAFFE4)
Y _{UV}	240.8590, -6.3395, -20.0473
Hunter-Lab	95.9307, -21.4815, 13.3800

Details

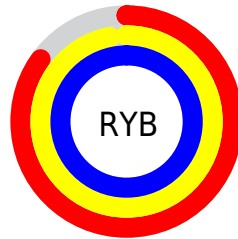
The Yxy color **92.0269, 0.3053, 0.3571** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.0044, 0.3210, 0.3025**, and the grayscale version is **87.9063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1918, 0.3034, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **87.4148, 0.3003, 0.3794**, and if you desaturate by 10%, it is **97.3576, 0.3104, 0.3372**.

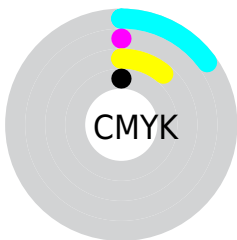
Distribution



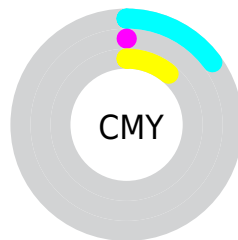
- Red (85%)
- Green (100%)
- Blue (89%)



- Red (85%)
- Yellow (97%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0269, 0.3053, 0.3571 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 92.0269, 0.3053, 0.3571 by changing the saturation by 10% instead.


 92.0269, 0.3053,
0.3571

 92.0269, 0.3053,
0.3571


534.6025, 0.3087,
0.3444

 69.6630, 0.3045,
0.3599

150.1507, 0.3065,
0.3527

 51.2518, 0.3036,
0.3634


186.6793, 0.3069,
0.3510

 36.4091, 0.3023,
0.3678


228.6983, 0.3073,
0.3495

 24.7503, 0.3008,
0.3735

276.5920, 0.3077,
0.3482

 15.8911, 0.2986,
0.3810

330.7449, 0.3080,
0.3471

 9.4471, 0.2955,
0.3917

391.5414, 0.3083,

 5.0340, 0.2908,

0.3461

0.4078

459.3657, 0.3085,
0.3452

■ 2.2672, 0.2825,
0.4349

■ 0.7563, 0.2434,
0.5997

■ 92.0269, 0.3053,
0.3571

■ 92.0269, 0.3053,
0.3571

■ 87.4148, 0.3003,
0.3794

■ 97.3576, 0.3104,
0.3372

■ 83.4867, 0.2956,
0.4041

100.0000, 0.3127,
0.3290

■ 80.2104, 0.2916,
0.4308

■ 77.5497, 0.2884,
0.4587

■ 75.4646, 0.2865,
0.4870

■ 73.9105, 0.2860,
0.5143

■ 72.8357, 0.2872,
0.5391

■ 72.1776, 0.2898,
0.5600

■ 71.9464, 0.2916,
0.5696

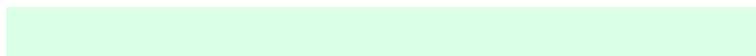
Harmonies

Analogous

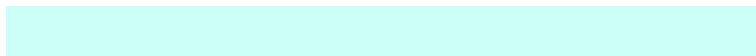
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0269, 0.3267, 0.3661



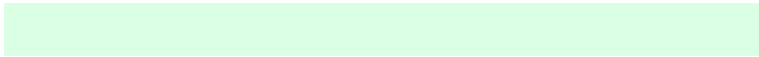
92.0269, 0.3053, 0.3571



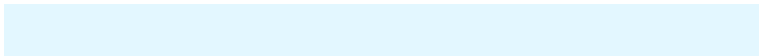
92.0269, 0.2864, 0.3398

Triad

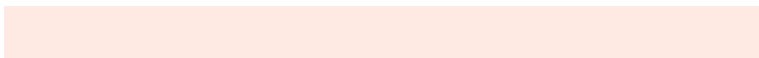
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0269, 0.3053, 0.3571



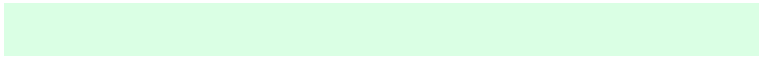
92.0269, 0.2810, 0.2944



92.0269, 0.3524, 0.3360

Complementary

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



92.0269, 0.3053, 0.3571



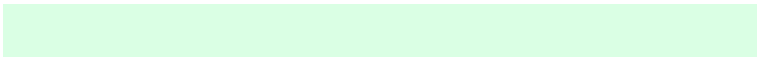
78.0044, 0.3210, 0.3025

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.



92.0269, 0.3393, 0.3181



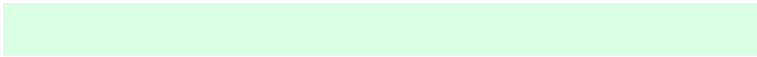
92.0269, 0.3053, 0.3571



92.0269, 0.2978, 0.2946

Square

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



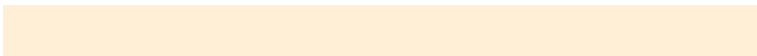
92.0269, 0.3053, 0.3571



92.0269, 0.2727, 0.3034



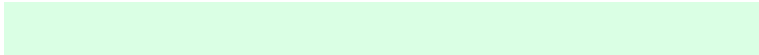
92.0269, 0.3192, 0.3031



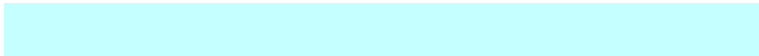
92.0269, 0.3543, 0.3529

Rectangle

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



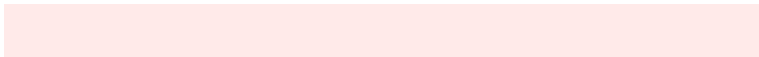
92.0269, 0.3053, 0.3571



92.0269, 0.2775, 0.3263



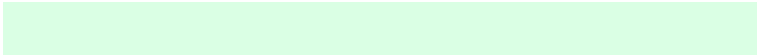
92.0269, 0.3192, 0.3031



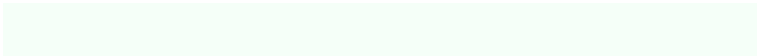
92.0269, 0.3491, 0.3299

Sweetspot

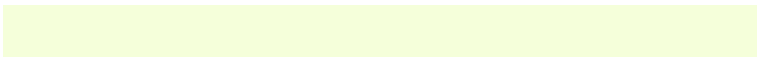
The Sweet Spot groups the original color and five complimentary colors.



92.0281, 0.3053, 0.3571



97.6459, 0.3107, 0.3362



96.0198, 0.3281, 0.3658



20.8083, 0.3103, 0.3377



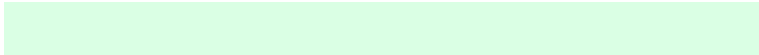
0.0000, 0.0000, 0.0000



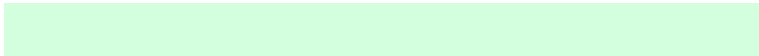
21.4041, 0.3127, 0.3290

Same Dimension

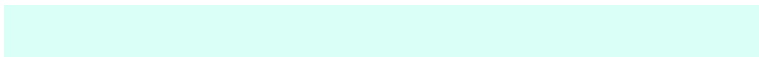
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0281, 0.3053, 0.3571



90.8109, 0.3040, 0.3624



93.1041, 0.2952, 0.3378



20.2486, 0.3079, 0.3468



37.6147, 0.2908, 0.5669



3.6797, 0.2848, 0.5453

Inverse Universe

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



78.0044, 0.3210, 0.3025



74.6623, 0.3227, 0.2977



76.9364, 0.3337, 0.3204



18.2119, 0.3180, 0.3118



12.9934, 0.4036, 0.1997



1.2834, 0.3919, 0.1933

Previews

White Background



This preview shows how the Yxy color 92.0269, 0.3053, 0.3571 looks on a white background.

Color Contrast Check

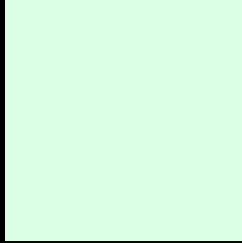
Large Text (above 18pt) WCAG AA × Fail

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 92.0269, 0.3053, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

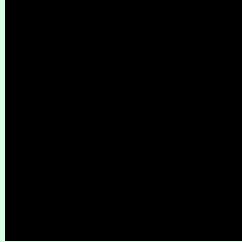
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

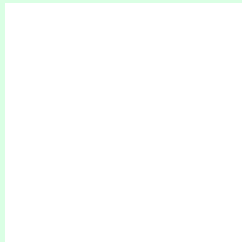
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0269, 0.3053, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 92.0269, 0.3053, 0.3571.

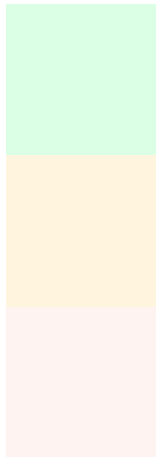


This preview shows how white text looks on a background with the Yxy color 92.0269, 0.3053, 0.3571.

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

92.0269, 0.3053, 0.3571

Protanopia

91.8925, 0.3328, 0.3507

Deuteranopia

91.7121, 0.3218, 0.3310



Tritanopia

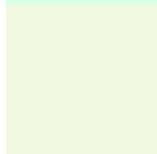
91.9187, 0.3024, 0.3211

Trichromacy



Original Color

92.0269, 0.3053, 0.3571



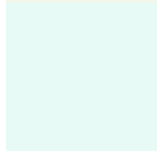
Protanomaly

92.0649, 0.3225, 0.3531



Deuteranomaly

91.4549, 0.3161, 0.3400



Tritanomaly

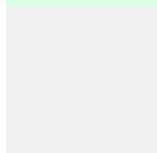
91.9527, 0.3037, 0.3340

Monochromacy



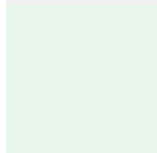
Original Color

92.0269, 0.3053, 0.3571



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2913, 0.3103, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0269, 0.3053, 0.3571 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(218, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 228)  
}
```

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(218, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 228) }
```

Border

The CSS property to change the border of an element to Yxy 92.0269, 0.3053, 0.3571 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(218, 255, 228) }
```

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

```
.border{ border-color:rgb(218, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0269, 0.3053, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 228) }
```

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

```
.background{ background-color: rgb(218,  
255, 228) }
```

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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