

Converting Colors

$Yxy(92.4403, 0.3035, 0.3450)$

Have a look what the booklet for
Yxy(92.4403, 0.3035, 0.3450)
contains.

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Color

Yxy(92.2709, 0.3034, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	E0FDEE
RGB	224, 253, 238
RGB Percent	88%, 99%, 93%
CMY	0.1214, 0.0079, 0.0667
CMYK	0.11, 0.00, 0.06, 0.01
HSL	149°, 88%, 94%
HSV	149°, 11%, 99%
XYZ	81.3099, 92.2709, 94.4149
YIQ	242.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

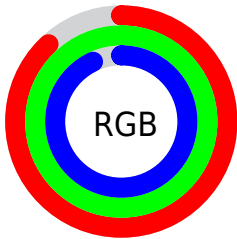
Format	Color
RYB	224, 244, 253
Decimal	14745070
CIELab	96.93, -12.12, 3.99
CIELCh	97, 12.763, 161.778
Yxy	92.2709, 0.3034, 0.3443
Android (android.graphics.Color)	4292935150 (0xFFE0FDEE)
YUV	242.6190, -2.2772, -16.3289
Hunter-Lab	96.0577, -17.0064, 8.9645

Details

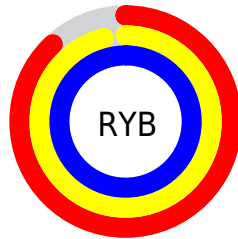
The Yxy color **92.2709, 0.3034, 0.3443** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.4544, 0.3232, 0.3142**, and the grayscale version is **89.3439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2923, 0.3017, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **87.7851, 0.2955, 0.3594**, and if you desaturate by 10%, it is **97.4220, 0.3115, 0.3308**.

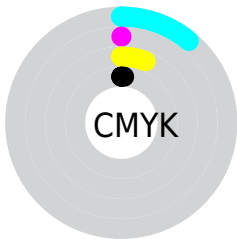
Distribution



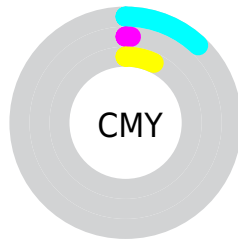
- Red (88%)
- Green (99%)
- Blue (93%)



- Red (88%)
- Yellow (96%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (12%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2709, 0.3034, 0.3443 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 92.2709, 0.3034, 0.3443 by changing the saturation by 10% instead.


 92.2709, 0.3034,
0.3443

 92.2709, 0.3034,
0.3443

535.3906, 0.3076,
0.3374

 69.8657, 0.3025,
0.3458


150.4888, 0.3048,
0.3420

 51.4170, 0.3014,
0.3477


187.0702, 0.3054,
0.3410

 36.5406, 0.2999,
0.3500

229.1459, 0.3059,
0.3402

 24.8520, 0.2982,
0.3530

277.1001, 0.3063,
0.3395

 15.9668, 0.2958,
0.3569

331.3173, 0.3067,
0.3389

 9.5007, 0.2924,
0.3625

392.1818, 0.3070,

 5.0692, 0.2875,

0.3384

0.3707

460.0782, 0.3073,
0.3379

■ 2.2879, 0.2794,
0.3843

■ 0.7673, 0.2466,
0.4367

■ 92.2709, 0.3034,
0.3443

■ 92.2709, 0.3034,
0.3443

■ 87.7851, 0.2955,
0.3594

■ 97.4220, 0.3115,
0.3308

■ 83.9253, 0.2881,
0.3760

■ 98.7261, 0.3128,
0.3271

■ 80.6657, 0.2816,
0.3941

■ 77.9742, 0.2762,
0.4134

■ 75.8155, 0.2723,
0.4337

■ 74.1503, 0.2702,
0.4543

■ 72.9336, 0.2701,
0.4747

■ 72.1113, 0.2721,
0.4943

■ 71.6504, 0.2750,
0.5100

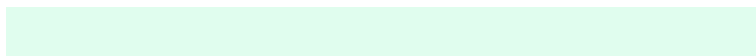
Harmonies

Analogous

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



92.2709, 0.3176, 0.3523



92.2709, 0.3034, 0.3443



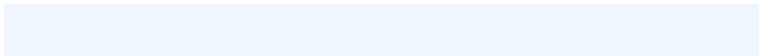
92.2709, 0.2919, 0.3320

Triad

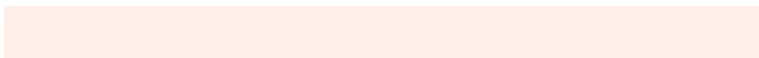
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2709, 0.3034, 0.3443



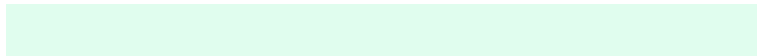
92.2709, 0.2946, 0.3051



92.2709, 0.3404, 0.3379

Complementary

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



92.2709, 0.3034, 0.3443



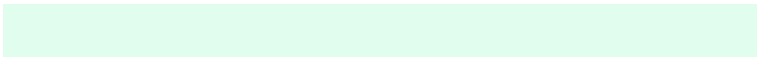
80.4544, 0.3232, 0.3142

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.



92.2709, 0.3339, 0.3256



92.2709, 0.3034, 0.3443



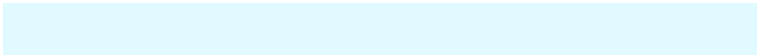
92.2709, 0.3073, 0.3070

Square

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



92.2709, 0.3034, 0.3443



92.2709, 0.2869, 0.3094



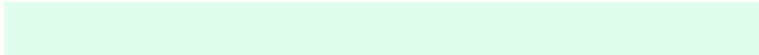
92.2709, 0.3217, 0.3144



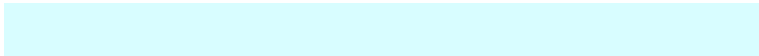
92.2709, 0.3392, 0.3482

Rectangle

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



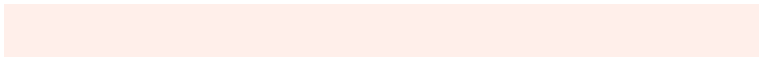
92.2709, 0.3034, 0.3443



92.2709, 0.2871, 0.3232



92.2709, 0.3217, 0.3144



92.2709, 0.3390, 0.3338

Sweetspot

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



92.2748, 0.3034, 0.3443



98.3253, 0.3103, 0.3328



94.0662, 0.3211, 0.3581



20.9521, 0.3096, 0.3339



0.0000, 0.0000, 0.0000



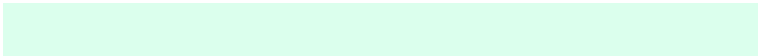
21.4041, 0.3127, 0.3290

Same Dimension

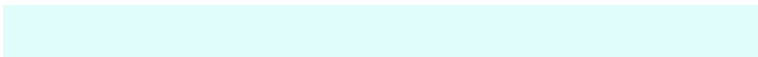
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2748, 0.3034, 0.3443



92.7125, 0.3013, 0.3480



93.1316, 0.2956, 0.3299



20.3141, 0.3050, 0.3416



38.1469, 0.2742, 0.5071



3.7362, 0.2683, 0.4859

Inverse Universe

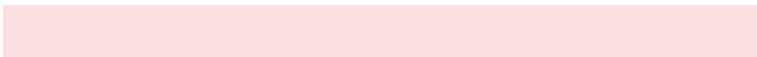
The Inverse Universe completely reimagines the original color for something new.



80.4544, 0.3232, 0.3142



78.2404, 0.3259, 0.3107



79.6571, 0.3327, 0.3281



18.1442, 0.3213, 0.3168



12.0106, 0.4888, 0.2467



1.1915, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 92.2709, 0.3034, 0.3443 looks on a white background.

Color Contrast Check

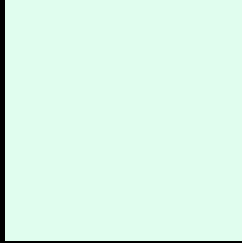
Large Text (above 18pt) WCAG AA × Fail

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 92.2709, 0.3034, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

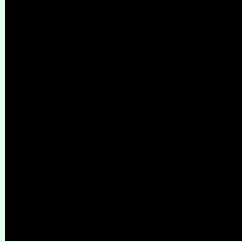
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

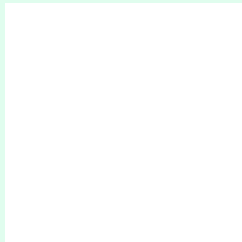
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2709, 0.3034, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 92.2709, 0.3034, 0.3443.

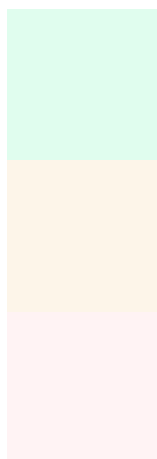


This preview shows how white text looks on a background with the Yxy color 92.2709, 0.3034, 0.3443.

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

92.2709, 0.3034, 0.3443

Protanopia

92.0707, 0.3252, 0.3408

Deuteranopia

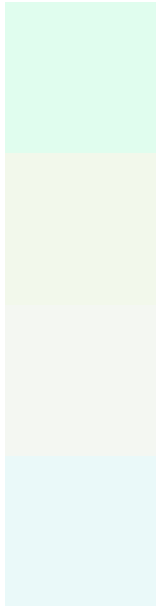
91.8928, 0.3199, 0.3281



Tritanopia

92.0923, 0.3030, 0.3211

Trichromacy



Original Color

92.2709, 0.3034, 0.3443

Protanomaly

92.0102, 0.3166, 0.3420

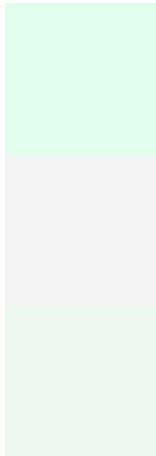
Deuteranomaly

92.1654, 0.3138, 0.3339

Tritanomaly

92.0833, 0.3033, 0.3290

Monochromacy



Original Color

92.2709, 0.3034, 0.3443

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.7053, 0.3093, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2709, 0.3034, 0.3443 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(224, 253, 238)` looks like.

```
.text, #text, p{  
    color:rgb(224, 253, 238)  
}
```

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(224, 253, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 253, 238) }
```

Border

The CSS property to change the border of an element to Yxy 92.2709, 0.3034, 0.3443 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(224, 253, 238) }
```

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

```
.border{ border-color:rgb(224, 253, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 253, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 253, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 253, 238); box-shadow:4px 4px 4px 4px rgb(224, 253, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2709, 0.3034, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 253, 238) }
```

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

```
.background{ background-color: rgb(224,  
253, 238) }
```

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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