

Converting Colors

$Y_{xy}(92.2350, 0.2992, 0.3434)$

Have a look what the booklet for
Yxy(92.2350, 0.2992, 0.3434)
contains.

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Color

Yxy(92.2350, 0.2992, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	DBFEF0
RGB	219, 254, 240
RGB Percent	86%, 100%, 94%
CMY	0.1415, 0.0038, 0.0589
CMYK	0.14, 0.00, 0.06, 0.00
HSL	156°, 95%, 93%
HSV	156°, 14%, 100%
XYZ	80.3632, 92.2350, 95.9953
YIQ	241.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

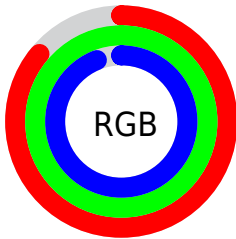
Format	Color
R _Y B	219, 241, 254
Decimal	14417648
CIE Lab	96.92, -13.91, 2.91
CIE LCh	97, 14.210, 168.193
Yxy	92.2350, 0.2992, 0.3434
Android (android.graphics.Color)	4292607728 (0xFFDBFEF0)
YUV	241.9390, -0.9559, -20.1175
Hunter-Lab	96.0391, -18.7038, 7.9643

Details

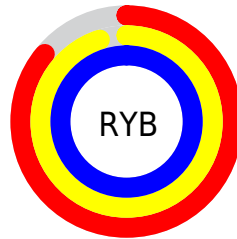
The Yxy color **92.2350, 0.2992, 0.3434** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.5771, 0.3285, 0.3150**, and the grayscale version is **88.7509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2857, 0.2965, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **88.0099, 0.2899, 0.3552**, and if you desaturate by 10%, it is **97.1028, 0.3089, 0.3328**.

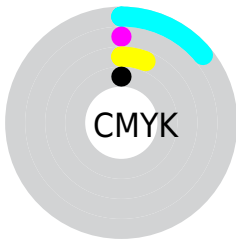
Distribution



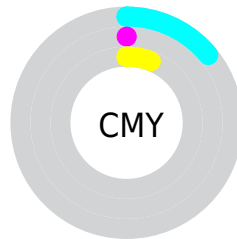
- Red (86%)
- Green (100%)
- Blue (94%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2350, 0.2992, 0.3434 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 92.2350, 0.2992, 0.3434 by changing the saturation by 10% instead.

 92.2350, 0.2992,
0.3434

 92.2350, 0.2992,
0.3434


535.2747, 0.3052,
0.3370

 69.8358, 0.2979,
0.3448

150.4391, 0.3013,
0.3412

 51.3927, 0.2963,
0.3466


187.0127, 0.3021,
0.3403

 36.5212, 0.2942,
0.3487


229.0800, 0.3028,
0.3396

 24.8370, 0.2917,
0.3515

277.0253, 0.3034,
0.3389

 15.9557, 0.2883,
0.3552

331.2331, 0.3039,
0.3383

 9.4928, 0.2836,
0.3604

392.0876, 0.3044,

 5.0640, 0.2767,

0.3378

0.3680

459.9734, 0.3048,
0.3374

■ 2.2849, 0.2655,
0.3806

■ 0.7657, 0.2176,
0.4291

■ 92.2350, 0.2992,
0.3434

■ 92.2350, 0.2992,
0.3434

■ 88.0099, 0.2899,
0.3552

■ 97.1028, 0.3089,
0.3328

■ 84.3881, 0.2813,
0.3681

99.3809, 0.3128,
0.3281

■ 81.3437, 0.2738,
0.3820

■ 78.8443, 0.2676,
0.3968

■ 76.8542, 0.2632,
0.4123

■ 75.3331, 0.2606,
0.4280

■ 74.2346, 0.2602,
0.4438

■ 73.5022, 0.2617,
0.4592

■ 73.1827, 0.2635,
0.4685

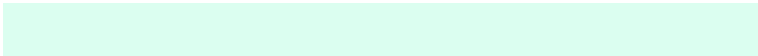
Harmonies

Analogous

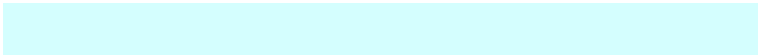
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2350, 0.3147, 0.3537



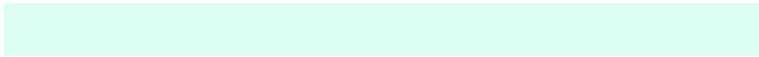
92.2350, 0.2992, 0.3434



92.2350, 0.2875, 0.3291

Triad

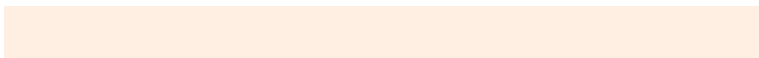
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2350, 0.2992, 0.3434



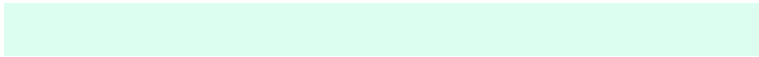
92.2350, 0.2952, 0.3023



92.2350, 0.3440, 0.3416

Complementary

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



92.2350, 0.2992, 0.3434



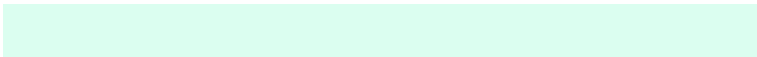
77.5771, 0.3285, 0.3150

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.



92.2350, 0.3385, 0.3281



92.2350, 0.2992, 0.3434



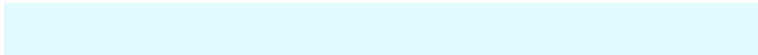
92.2350, 0.3101, 0.3059

Square

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



92.2350, 0.2992, 0.3434



92.2350, 0.2852, 0.3055



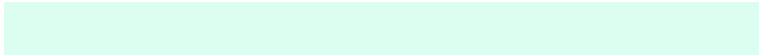
92.2350, 0.3260, 0.3152



92.2350, 0.3408, 0.3522

Rectangle

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



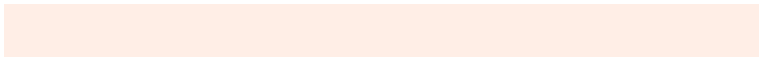
92.2350, 0.2992, 0.3434



92.2350, 0.2833, 0.3195



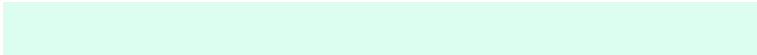
92.2350, 0.3260, 0.3152



92.2350, 0.3431, 0.3372

Sweetspot

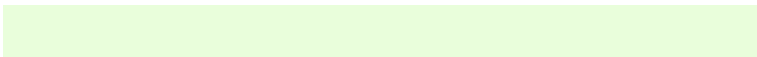
The Sweet Spot groups the original color and five complimentary colors.



92.2389, 0.2992, 0.3434



97.8566, 0.3088, 0.3329



93.3283, 0.3198, 0.3648



20.8616, 0.3080, 0.3337



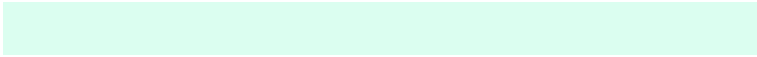
0.0000, 0.0000, 0.0000



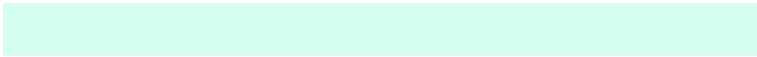
21.4041, 0.3127, 0.3290

Same Dimension

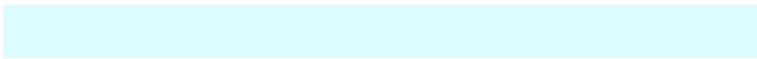
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2389, 0.2992, 0.3434



91.6185, 0.2962, 0.3470



90.8974, 0.2915, 0.3254



20.3513, 0.3034, 0.3387



38.6034, 0.2628, 0.4661



3.7803, 0.2580, 0.4487

Inverse Universe

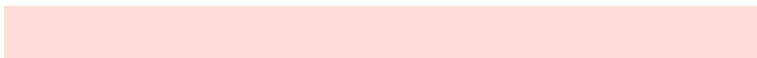
The Inverse Universe completely reimagines the original color for something new.



77.5771, 0.3285, 0.3150



73.8284, 0.3328, 0.3117



78.6570, 0.3378, 0.3326



18.1074, 0.3231, 0.3195



11.6372, 0.5385, 0.2740



1.1540, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 92.2350, 0.2992, 0.3434 looks on a white background.

Color Contrast Check

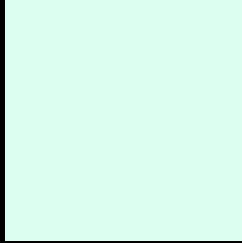
Large Text (above 18pt) WCAG AA × Fail

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 92.2350, 0.2992, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

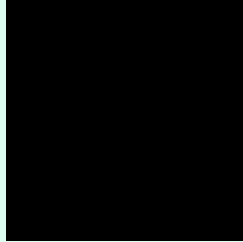
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

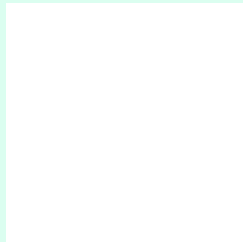
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2350, 0.2992, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 92.2350, 0.2992, 0.3434.

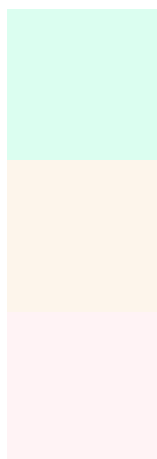


This preview shows how white text looks on a background with the Yxy color 92.2350, 0.2992, 0.3434.

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

92.2350, 0.2992, 0.3434

Protanopia

92.1856, 0.3240, 0.3388

Deuteranopia

91.9538, 0.3193, 0.3271



Tritanopia

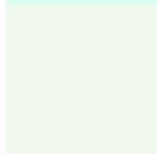
91.9187, 0.3024, 0.3211

Trichromacy



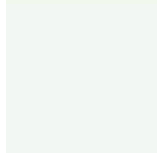
Original Color

92.2350, 0.2992, 0.3434



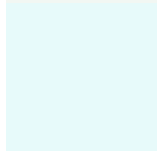
Protanomaly

91.9500, 0.3148, 0.3400



Deuteranomaly

91.8698, 0.3119, 0.3330



Tritanomaly

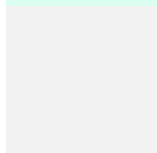
92.2623, 0.3009, 0.3290

Monochromacy



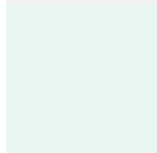
Original Color

92.2350, 0.2992, 0.3434



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.7548, 0.3080, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2350, 0.2992, 0.3434 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(219, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 254, 240)  
}
```

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(219, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 254, 240) }
```

Border

The CSS property to change the border of an element to Yxy 92.2350, 0.2992, 0.3434 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(219, 254, 240) }
```

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

```
.border{ border-color:rgb(219, 254, 240) }
```

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

Here you see how a box with a 4 pixel rgb(219, 254, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 254,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2350, 0.2992, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 254, 240) }
```

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

```
.background{ background-color: rgb(219,  
254, 240) }
```

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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