

Converting Colors

$Y_{xy}(92.7187, 0.2948, 0.3392)$

Have a look what the booklet for
Yxy(92.7187, 0.2948, 0.3392)
contains.

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Color

Yxy(92.7115, 0.2948, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFF5
RGB	216, 255, 245
RGB Percent	85%, 100%, 96%
CMY	0.1527, 0.0000, 0.0392
CMYK	0.15, 0.00, 0.04, 0.00
HSL	165°, 100%, 92%
HSV	165°, 15%, 100%
XYZ	80.5759, 92.7115, 100.0366
YIQ	242.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

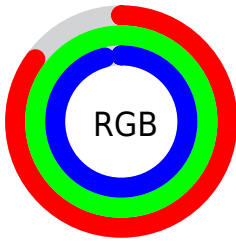
Format	Color
R_{YB}	216, 238, 255
Decimal	14221301
CIE _{Lab}	97.11, -14.33, 0.59
CIE _{LCh}	97, 14.341, 177.650
Y _{xy}	92.7115, 0.2948, 0.3392
Android (android.graphics.Color)	4292411381 (0xFFD8FFF5)
YUV	242.1990, 1.3809, -22.9765
Hunter-Lab	96.2868, -19.1274, 5.8018

Details

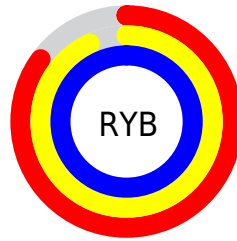
The Yxy color **92.7115, 0.2948, 0.3392** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9004, 0.3344, 0.3190**, and the grayscale version is **88.9716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6394, 0.2909, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **88.7340, 0.2838, 0.3467**, and if you desaturate by 10%, it is **97.3135, 0.3064, 0.3323**.

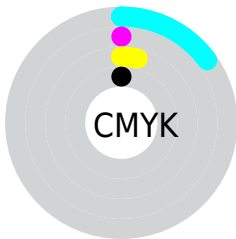
Distribution



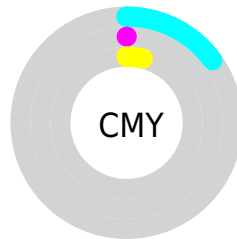
- Red (85%)
- Green (100%)
- Blue (96%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7115, 0.2948, 0.3392 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 92.7115, 0.2948, 0.3392 by changing the saturation by 10% instead.


 92.7115, 0.2948,
0.3392

 92.7115, 0.2948,
0.3392

536.8123, 0.3027,
0.3347

 70.2317, 0.2931,
0.3402


151.0991, 0.2975,
0.3377

 51.7155, 0.2910,
0.3414


187.7758, 0.2986,
0.3371

 36.7783, 0.2883,
0.3429


229.9535, 0.2995,
0.3365

 25.0359, 0.2850,
0.3448

278.0168, 0.3003,
0.3361

 16.1038, 0.2806,
0.3473

332.3498, 0.3010,
0.3357

 9.5976, 0.2746,
0.3508

393.3372, 0.3016,

 5.1330, 0.2658,

0.3353

0.3558

461.3633, 0.3022,
0.3350

■ 2.3255, 0.2519,
0.3640

■ 0.7872, 0.1990,
0.3933

■ 92.7115, 0.2948,
0.3392

■ 92.7115, 0.2948,
0.3392

■ 88.7340, 0.2838,
0.3467

■ 97.3135, 0.3064,
0.3323

■ 85.3416, 0.2738,
0.3549

99.9927, 0.3127,
0.3290

■ 82.5082, 0.2650,
0.3636

■ 80.2011, 0.2578,
0.3728

■ 78.3841, 0.2524,
0.3823

■ 77.0163, 0.2490,
0.3920

■ 76.0502, 0.2476,
0.4018

■ 75.4270, 0.2482,
0.4114

■ 75.2116, 0.2489,
0.4159

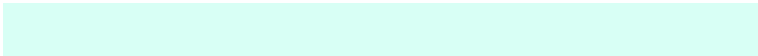
Harmonies

Analogous

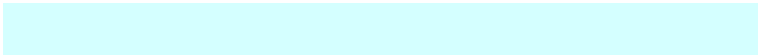
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7115, 0.3096, 0.3513



92.7115, 0.2948, 0.3392



92.7115, 0.2849, 0.3244

Triad

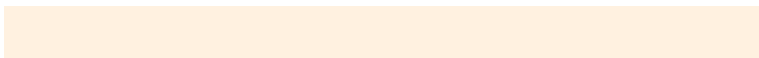
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7115, 0.2948, 0.3392



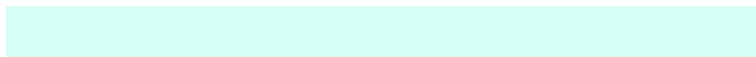
92.7115, 0.2995, 0.3025



92.7115, 0.3441, 0.3455

Complementary

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



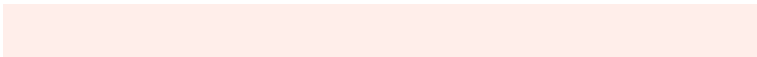
92.7115, 0.2948, 0.3392



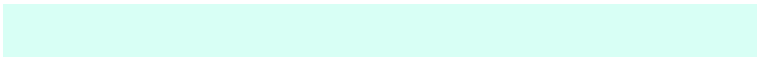
75.9004, 0.3344, 0.3190

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.



92.7115, 0.3413, 0.3325



92.7115, 0.2948, 0.3392



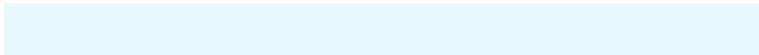
92.7115, 0.3152, 0.3081

Square

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



92.7115, 0.2948, 0.3392



92.7115, 0.2875, 0.3036



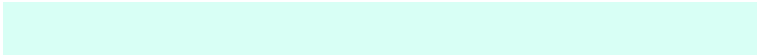
92.7115, 0.3307, 0.3189



92.7115, 0.3383, 0.3546

Rectangle

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



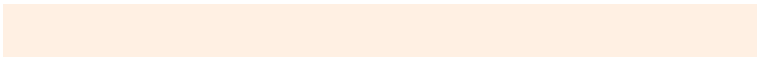
92.7115, 0.2948, 0.3392



92.7115, 0.2822, 0.3153



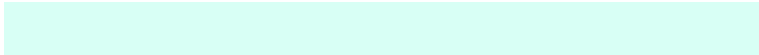
92.7115, 0.3307, 0.3189



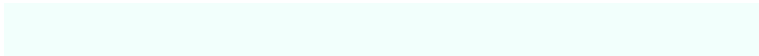
92.7115, 0.3442, 0.3414

Sweetspot

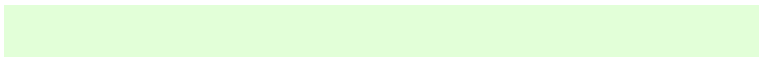
The Sweet Spot groups the original color and five complimentary colors.



92.7154, 0.2948, 0.3392



97.4526, 0.3067, 0.3322



92.7158, 0.3173, 0.3692



20.7850, 0.3059, 0.3326



0.0000, 0.0000, 0.0000



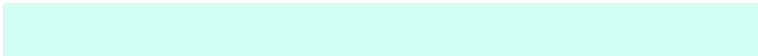
21.4041, 0.3127, 0.3290

Same Dimension

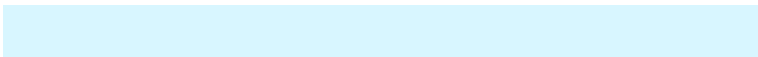
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7154, 0.2948, 0.3392



91.5745, 0.2917, 0.3412



87.6847, 0.2891, 0.3196



20.3972, 0.3014, 0.3352



39.3293, 0.2484, 0.4143



3.8471, 0.2454, 0.4033

Inverse Universe

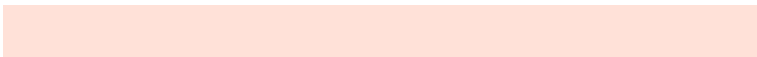
The Inverse Universe completely reimagines the original color for something new.



75.9004, 0.3344, 0.3190



72.1238, 0.3390, 0.3172



80.1522, 0.3401, 0.3382



18.0635, 0.3254, 0.3229



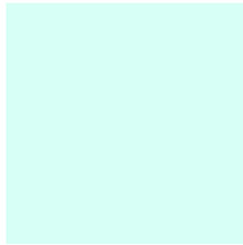
11.3311, 0.5915, 0.3032



1.1201, 0.5599, 0.2858

Previews

White Background



This preview shows how the Yxy color 92.7115, 0.2948, 0.3392 looks on a white background.

Color Contrast Check

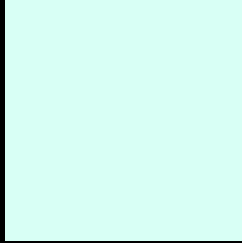
Large Text (above 18pt) WCAG AA × Fail

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 92.7115, 0.2948, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

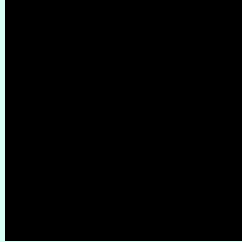
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

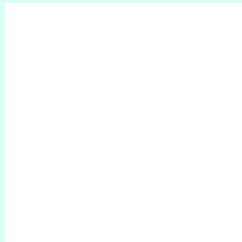
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7115, 0.2948, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 92.7115, 0.2948, 0.3392.

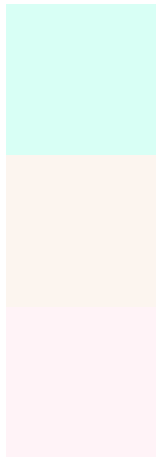


This preview shows how white text looks on a background with the Yxy color 92.7115, 0.2948, 0.3392.

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

92.7115, 0.2948, 0.3392

Protanopia

92.2323, 0.3209, 0.3349

Deuteranopia

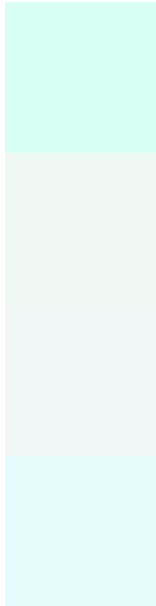
92.0766, 0.3181, 0.3252



Tritanopia

92.5319, 0.3024, 0.3221

Trichromacy



Original Color

92.7115, 0.2948, 0.3392

Protanomaly

92.4530, 0.3111, 0.3370

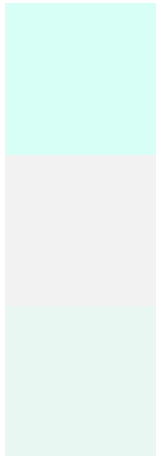
Deuteranomaly

91.8761, 0.3095, 0.3300

Tritanomaly

92.7824, 0.2997, 0.3290

Monochromacy



Original Color

92.7115, 0.2948, 0.3392

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

90.3162, 0.3062, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7115, 0.2948, 0.3392 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(216, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 245)  
}
```

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(216, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 92.7115, 0.2948, 0.3392 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(216, 255, 245) }
```

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

```
.border{ border-color:rgb(216, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(216, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7115, 0.2948, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 245) }
```

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

```
.background{ background-color: rgb(216,  
255, 245) }
```

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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