

Converting Colors

$Yxy(93.1890, 0.2940, 0.3383)$

Have a look what the booklet for
Yxy(93.1890, 0.2940, 0.3383)
contains.

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Color

Yxy(92.7728, 0.2942, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFF6
RGB	216, 255, 246
RGB Percent	85%, 100%, 96%
CMY	0.1531, 0.0000, 0.0353
CMYK	0.15, 0.00, 0.04, 0.00
HSL	166°, 100%, 92%
HSV	166°, 15%, 100%
XYZ	80.7030, 92.7728, 100.8376
YIQ	242.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

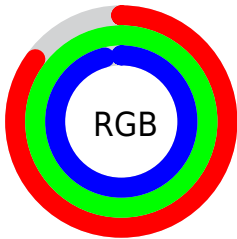
Format	Color
R_{YB}	216, 238, 255
Decimal	14221302
CIE Lab	97.14, -14.19, 0.11
CIE LCh	97, 14.189, 179.542
Yxy	92.7728, 0.2942, 0.3382
Android (android.graphics.Color)	4292411382 (0xFFD8FFF6)
YUV	242.3130, 1.8177, -23.0765
Hunter-Lab	96.3186, -18.9969, 5.3513

Details

The Yxy color **92.7728, 0.2942, 0.3382** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7842, 0.3352, 0.3200**, and the grayscale version is **89.0396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6829, 0.2903, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **88.8243, 0.2829, 0.3449**, and if you desaturate by 10%, it is **97.3219, 0.3062, 0.3320**.

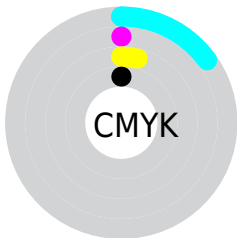
Distribution



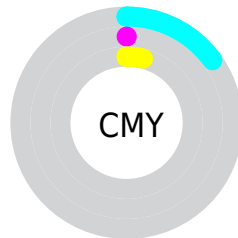
- Red (85%)
- Green (100%)
- Blue (96%)



- 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 92.7728, 0.2942, 0.3382 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 92.7728, 0.2942, 0.3382 by changing the saturation by 10% instead.


 92.7728, 0.2942,
0.3382

 92.7728, 0.2942,
0.3382


537.0100, 0.3024,
0.3341

 70.2827, 0.2924,
0.3391


151.1840, 0.2970,
0.3368

 51.7570, 0.2902,
0.3402


187.8739, 0.2981,
0.3363

 36.8114, 0.2875,
0.3415


230.0658, 0.2990,
0.3358

 25.0615, 0.2841,
0.3432

278.1442, 0.2999,
0.3354

 16.1229, 0.2796,
0.3454

332.4934, 0.3006,
0.3350

 9.6112, 0.2734,
0.3485

393.4979, 0.3013,

 5.1419, 0.2644,

0.3347

0.3530

461.5419, 0.3019,
0.3344

■ 2.3308, 0.2501,
0.3601

■ 0.7899, 0.1976,
0.3860

■ 92.7728, 0.2942,
0.3382

■ 92.7728, 0.2942,
0.3382

■ 88.8243, 0.2829,
0.3449

■ 97.3219, 0.3062,
0.3320


■ 85.4688, 0.2726,
0.3522


100.0000, 0.3127,
0.3290


■ 82.6696, 0.2636,
0.3600


■ 80.3939, 0.2562,
0.3682

 78.6057, 0.2506,
0.3767

 77.2641, 0.2470,
0.3853

 76.3214, 0.2454,
0.3939

 75.7190, 0.2457,
0.4025

 75.5143, 0.2463,
0.4065

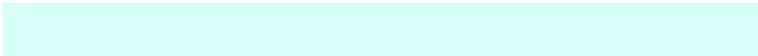
Harmonies

Analogous

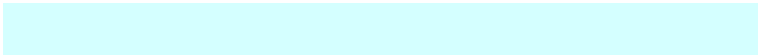
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7728, 0.3086, 0.3504



92.7728, 0.2942, 0.3382



92.7728, 0.2848, 0.3236

Triad

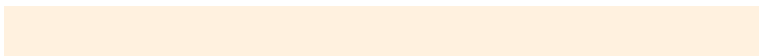
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7728, 0.2942, 0.3382



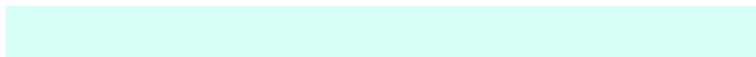
92.7728, 0.3005, 0.3030



92.7728, 0.3437, 0.3461

Complementary

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



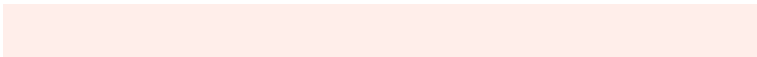
92.7728, 0.2942, 0.3382



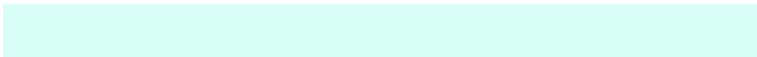
75.7842, 0.3352, 0.3200

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.



92.7728, 0.3415, 0.3333



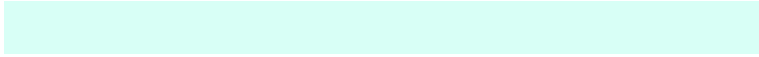
92.7728, 0.2942, 0.3382



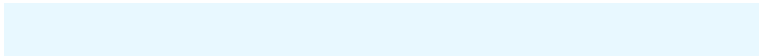
92.7728, 0.3162, 0.3089

Square

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



92.7728, 0.2942, 0.3382



92.7728, 0.2884, 0.3036



92.7728, 0.3313, 0.3198



92.7728, 0.3374, 0.3547

Rectangle

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



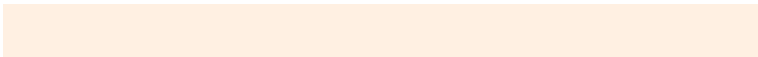
92.7728, 0.2942, 0.3382



92.7728, 0.2825, 0.3147



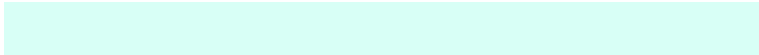
92.7728, 0.3313, 0.3198



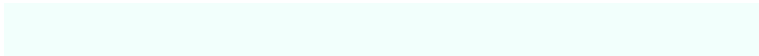
92.7728, 0.3439, 0.3421

Sweetspot

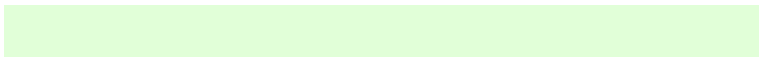
The Sweet Spot groups the original color and five complimentary colors.



92.7661, 0.2942, 0.3382



97.4736, 0.3066, 0.3318



92.4941, 0.3165, 0.3695



20.7901, 0.3057, 0.3323



0.0000, 0.0000, 0.0000



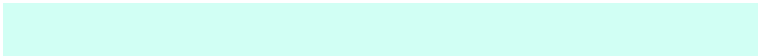
21.4041, 0.3127, 0.3290

Same Dimension

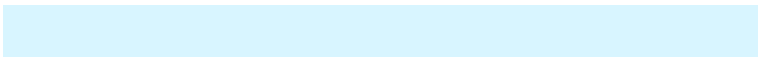
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7661, 0.2942, 0.3382



91.6468, 0.2911, 0.3399



86.8687, 0.2890, 0.3182



20.4056, 0.3011, 0.3345



39.4819, 0.2459, 0.4051



3.8608, 0.2431, 0.3953

Inverse Universe

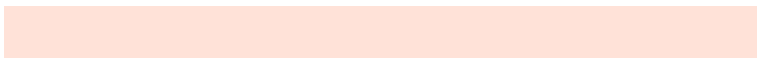
The Inverse Universe completely reimagines the original color for something new.



75.7842, 0.3352, 0.3200



72.0607, 0.3399, 0.3184



80.8093, 0.3400, 0.3395



18.0557, 0.3258, 0.3235



11.2915, 0.5994, 0.3076



1.1153, 0.5685, 0.2905

Previews

White Background



This preview shows how the Yxy color 92.7728, 0.2942, 0.3382 looks on a white background.

Color Contrast Check

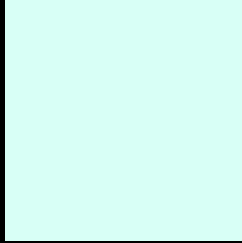
Large Text (above 18pt) WCAG AA × Fail

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 92.7728, 0.2942, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

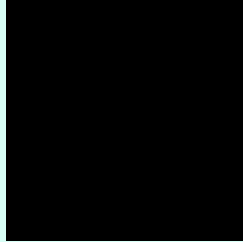
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

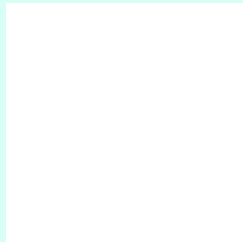
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7728, 0.2942, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 92.7728, 0.2942, 0.3382.

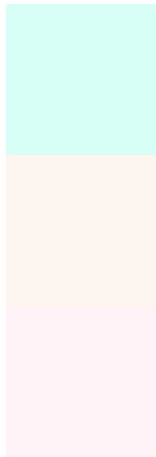


This preview shows how white text looks on a background with the Yxy color 92.7728, 0.2942, 0.3382.

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

92.7728, 0.2942, 0.3382

Protanopia

92.2915, 0.3203, 0.3339

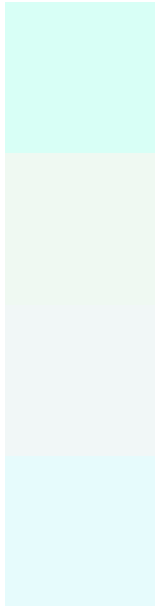
Deuteranopia

92.0766, 0.3181, 0.3252

Tritanopia

92.5319, 0.3024, 0.3221

Trichromacy



Original Color

92.7728, 0.2942, 0.3382

Protanomaly

92.5129, 0.3105, 0.3360

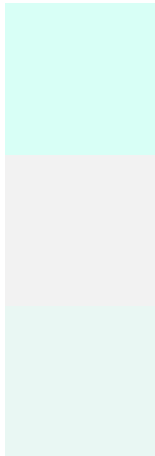
Deuteranomaly

91.9377, 0.3089, 0.3290

Tritanomaly

92.8456, 0.2992, 0.3280

Monochromacy



Original Color

92.7728, 0.2942, 0.3382

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 92.7728, 0.2942, 0.3382 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 92.7728, 0.2942, 0.3382 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, 246) }
```

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

```
.border{ border-color:rgb(216, 255, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 255, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 255, 246); box-shadow:4px 4px 4px 4px rgb(216, 255, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7728, 0.2942, 0.3382 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, 246) }
```

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

```
.background{ background-color: rgb(216,  
255, 246) }
```

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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