

Converting Colors

$Y_{xy}(145.9290, 0.2995, 0.4050)$

Have a look what the booklet for
Yxy(145.9290, 0.2995, 0.4050)
contains.

Yxy(93.3030, 0.2993, 0.3422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.3030, 0.2993, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFF2
RGB	221, 255, 242
RGB Percent	87%, 100%, 95%
CMY	0.1334, 0.0000, 0.0508
CMYK	0.13, 0.00, 0.05, 0.00
HSL	157°, 100%, 93%
HSV	157°, 13%, 100%
XYZ	81.6060, 93.3030, 97.7473
YIQ	243.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

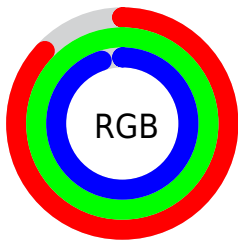
Format	Color
R _Y B	221, 242, 255
Decimal	14548978
CIE Lab	97.35, -13.36, 2.50
CIE LCh	97, 13.587, 169.412
Yxy	93.3030, 0.2993, 0.3422
Android (android.graphics.Color)	4292739058 (0xFFDDFFF2)
YUV	243.3520, -0.6665, -19.6027
Hunter-Lab	96.5935, -18.2346, 7.6172

Details

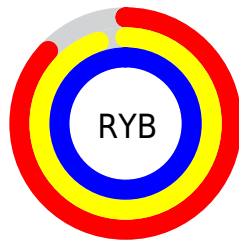
The Yxy color **93.3030, 0.2993, 0.3422** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.8988, 0.3283, 0.3162**, and the grayscale version is **89.9360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0403, 0.2966, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **89.0314, 0.2897, 0.3533**, and if you desaturate by 10%, it is **98.2124, 0.3093, 0.3321**.

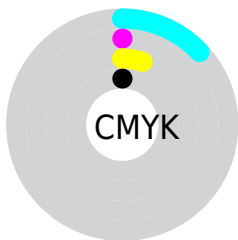
Distribution



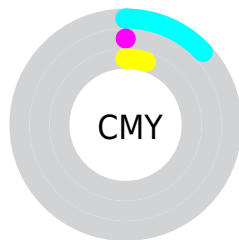
- Red (87%)
- Green (100%)
- Blue (95%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3030, 0.2993, 0.3422 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 93.3030, 0.2993, 0.3422 by changing the saturation by 10% instead.


 93.3030, 0.2993,
0.3422

 93.3030, 0.2993,
0.3422

538.7178, 0.3053,
0.3363

 70.7234, 0.2980,
0.3435


151.9180, 0.3013,
0.3402

 52.1165, 0.2964,
0.3451


188.7222, 0.3021,
0.3394

 37.0979, 0.2944,
0.3471


231.0368, 0.3028,
0.3387

 25.2833, 0.2919,
0.3496

279.2460, 0.3034,
0.3381

 16.2883, 0.2886,
0.3529

333.7343, 0.3040,
0.3376

 9.7284, 0.2840,
0.3575

394.8861, 0.3044,

 5.2192, 0.2773,

0.3371

0.3644

463.0858, 0.3049,
0.3367

■ 2.3765, 0.2664,
0.3756

■ 0.8137, 0.2268,
0.4125

■ 93.3030, 0.2993,
0.3422

■ 93.3030, 0.2993,
0.3422

■ 89.0314, 0.2897,
0.3533

■ 98.2124, 0.3093,
0.3321

■ 85.3713, 0.2809,
0.3655

100.0000, 0.3127,
0.3290

■ 82.2924, 0.2731,
0.3787

■ 79.7622, 0.2667,
0.3927

■ 77.7448, 0.2620,
0.4073

■ 76.2000, 0.2592,
0.4223

■ 75.0814, 0.2585,
0.4373

■ 74.3326, 0.2598,
0.4520

■ 73.9853, 0.2616,
0.4616

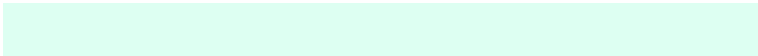
Harmonies

Analogous

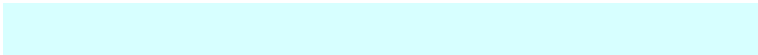
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3030, 0.3140, 0.3522



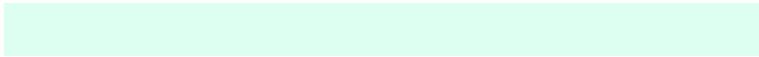
93.3030, 0.2993, 0.3422



93.3030, 0.2883, 0.3285

Triad

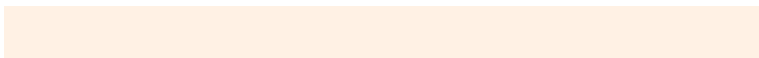
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3030, 0.2993, 0.3422



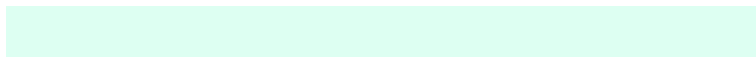
93.3030, 0.2966, 0.3035



93.3030, 0.3425, 0.3415

Complementary

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



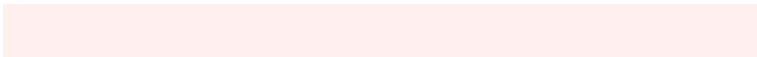
93.3030, 0.2993, 0.3422



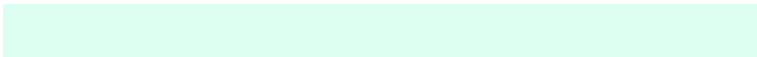
78.8988, 0.3283, 0.3162

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.



93.3030, 0.3376, 0.3287



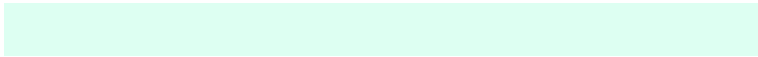
93.3030, 0.2993, 0.3422



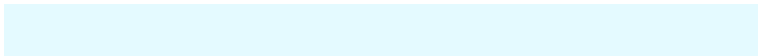
93.3030, 0.3109, 0.3072

Square

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



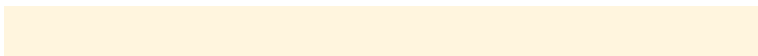
93.3030, 0.2993, 0.3422



93.3030, 0.2868, 0.3064



93.3030, 0.3260, 0.3163



93.3030, 0.3392, 0.3514

Rectangle

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



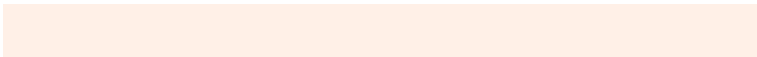
93.3030, 0.2993, 0.3422



93.3030, 0.2845, 0.3195



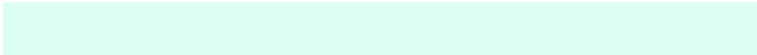
93.3030, 0.3260, 0.3163



93.3030, 0.3418, 0.3374

Sweetspot

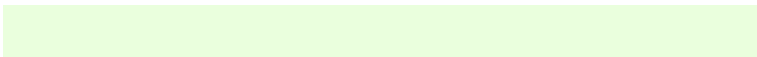
The Sweet Spot groups the original color and five complimentary colors.



93.3025, 0.2993, 0.3422



97.8689, 0.3086, 0.3328



94.2353, 0.3192, 0.3636



20.8647, 0.3079, 0.3335



0.0000, 0.0000, 0.0000



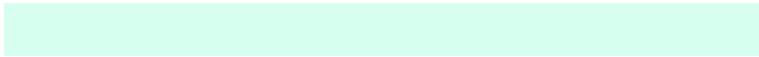
21.4041, 0.3127, 0.3290

Same Dimension

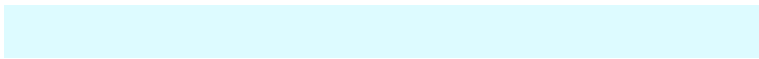
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3025, 0.2993, 0.3422



92.1057, 0.2967, 0.3451



91.6026, 0.2922, 0.3249



20.3573, 0.3031, 0.3382



38.6889, 0.2609, 0.4592



3.7883, 0.2563, 0.4426

Inverse Universe

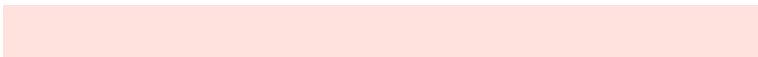
The Inverse Universe completely reimagines the original color for something new.



78.8988, 0.3283, 0.3162



75.1528, 0.3320, 0.3135



80.3020, 0.3368, 0.3330



18.1015, 0.3234, 0.3200



11.5875, 0.5462, 0.2783



1.1487, 0.5154, 0.2613

Previews

White Background



This preview shows how the Yxy color 93.3030, 0.2993, 0.3422 looks on a white background.

Color Contrast Check

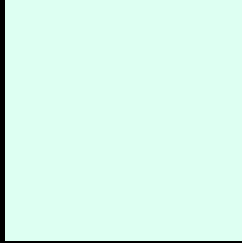
Large Text (above 18pt) WCAG AA × Fail

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 93.3030, 0.2993, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

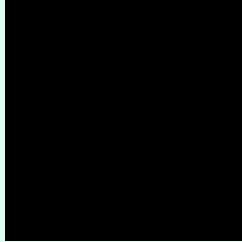
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

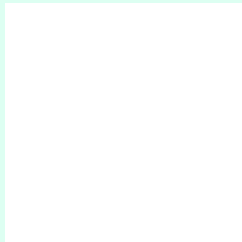
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3030, 0.2993, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 93.3030, 0.2993, 0.3422.

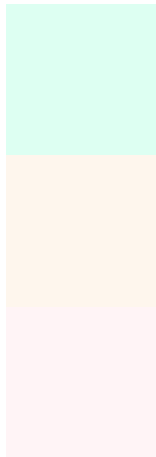


This preview shows how white text looks on a background with the Yxy color 93.3030, 0.2993, 0.3422.

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

93.3030, 0.2993, 0.3422

Protanopia

93.0968, 0.3233, 0.3378

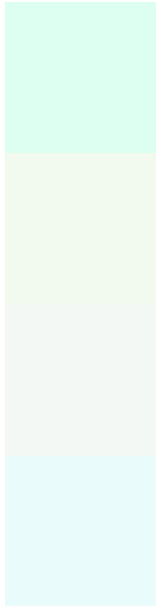
Deuteranopia

92.6152, 0.3186, 0.3271

Tritanopia

92.8801, 0.3036, 0.3221

Trichromacy



Original Color

93.3030, 0.2993, 0.3422

Protanomaly

92.8606, 0.3142, 0.3389

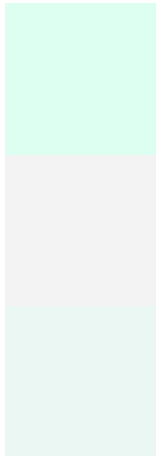
Deuteranomaly

92.7821, 0.3113, 0.3320

Tritanomaly

93.2201, 0.3021, 0.3300

Monochromacy



Original Color

93.3030, 0.2993, 0.3422

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6548, 0.3075, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3030, 0.2993, 0.3422 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(221, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 242)  
}
```

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(221, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 242) }
```

Border

The CSS property to change the border of an element to Yxy 93.3030, 0.2993, 0.3422 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(221, 255, 242) }
```

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

```
.border{ border-color:rgb(221, 255, 242) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3030, 0.2993, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 242) }
```

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

```
.background{ background-color: rgb(221,  
255, 242) }
```

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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