

Converting Colors

$Yxy(93.0801, 0.2935, 0.3356)$

Have a look what the booklet for
Yxy(93.0801, 0.2935, 0.3356)
contains.

Yxy(93.0490, 0.2937, 0.3361)	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(93.0490, 0.2937, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFF8
RGB	217, 255, 248
RGB Percent	85%, 100%, 97%
CMY	0.1492, 0.0000, 0.0274
CMYK	0.15, 0.00, 0.03, 0.00
HSL	169°, 100%, 93%
HSV	169°, 15%, 100%
XYZ	81.3106, 93.0490, 102.4896
YIQ	242.8400, -20.4010, -10.2330

Conversions

Conversions Part 2

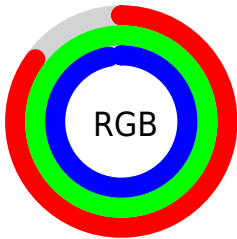
Format	Color
R_{YB}	217, 238, 255
Decimal	14286840
CIE _{Lab}	97.25, -13.49, -0.75
CIE _{LCh}	97, 13.507, 183.191
Yxy	93.0490, 0.2937, 0.3361
Android (android.graphics.Color)	4292476920 (0xFFD9FFF8)
YUV	242.8400, 2.5439, -22.6617
Hunter-Lab	96.4619, -18.3454, 4.5285

Details

The Yxy color **93.0490, 0.2937, 0.3361** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2446, 0.3358, 0.3221**, and the grayscale version is **89.4759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8753, 0.2896, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **89.1470, 0.2818, 0.3414**, and if you desaturate by 10%, it is **97.5514, 0.3063, 0.3312**.

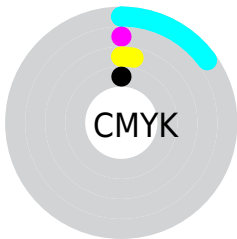
Distribution



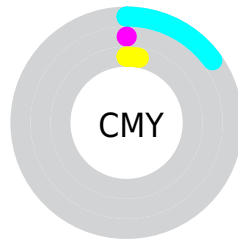
- Red (85%)
- Green (100%)
- Blue (97%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0490, 0.2937, 0.3361 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 93.0490, 0.2937, 0.3361 by changing the saturation by 10% instead.

 93.0490, 0.2937,
0.3361

 93.0490, 0.2937,
0.3361


537.9000, 0.3021,
0.3330

 70.5122, 0.2919,
0.3368


151.5664, 0.2965,
0.3350

 51.9442, 0.2896,
0.3376


188.3159, 0.2977,
0.3346

 36.9606, 0.2869,
0.3386

230.5717, 0.2986,
0.3343

 25.1770, 0.2834,
0.3399

278.7183, 0.2995,
0.3340

 16.2090, 0.2788,
0.3416

333.1400, 0.3003,
0.3337

 9.6722, 0.2725,
0.3438

394.2213, 0.3009,

 5.1821, 0.2634,

0.3334

0.3471

462.3465, 0.3016,
0.3332

■ 2.3545, 0.2489,
0.3523

■ 0.8023, 0.2005,
0.3711

■ 93.0490, 0.2937,
0.3361

■ 93.0490, 0.2937,
0.3361

■ 89.1470, 0.2818,
0.3414

■ 97.5514, 0.3063,
0.3312

■ 85.8336, 0.2710,
0.3471

100.0000, 0.3127,
0.3290

■ 83.0736, 0.2615,
0.3532

■ 80.8345, 0.2536,
0.3596

■ 79.0805, 0.2476,
0.3662

■ 77.7708, 0.2435,
0.3730

■ 76.8584, 0.2414,
0.3797

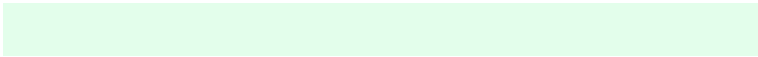
■ 76.2850, 0.2412,
0.3864

■ 76.0815, 0.2416,
0.3897

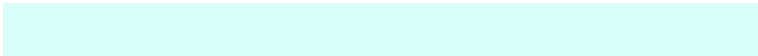
Harmonies

Analogous

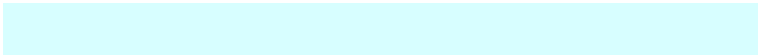
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0490, 0.3070, 0.3482



93.0490, 0.2937, 0.3361



93.0490, 0.2855, 0.3222

Triad

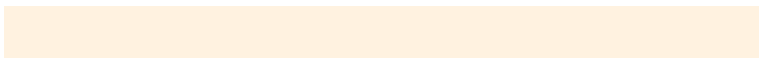
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0490, 0.2937, 0.3361



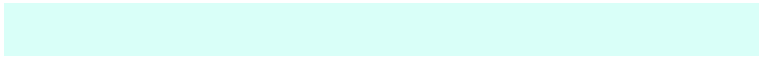
93.0490, 0.3028, 0.3046



93.0490, 0.3418, 0.3465

Complementary

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



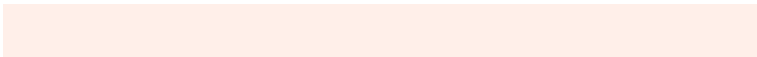
93.0490, 0.2937, 0.3361



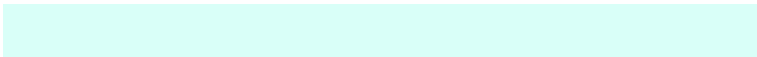
76.2446, 0.3358, 0.3221

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.



93.0490, 0.3407, 0.3347



93.0490, 0.2937, 0.3361



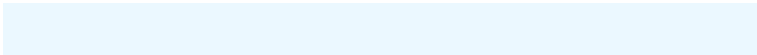
93.0490, 0.3179, 0.3109

Square

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



93.0490, 0.2937, 0.3361



93.0490, 0.2907, 0.3044



93.0490, 0.3319, 0.3218



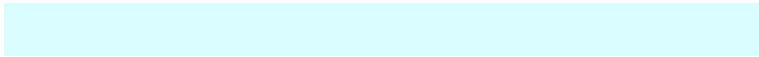
93.0490, 0.3350, 0.3540

Rectangle

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



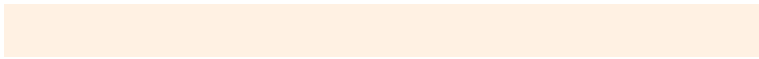
93.0490, 0.2937, 0.3361



93.0490, 0.2839, 0.3141



93.0490, 0.3319, 0.3218



93.0490, 0.3424, 0.3429

Sweetspot

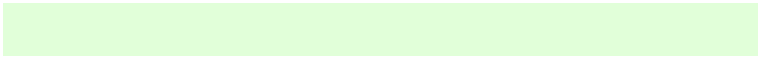
The Sweet Spot groups the original color and five complimentary colors.



93.0437, 0.2937, 0.3361



97.9964, 0.3075, 0.3308



92.4660, 0.3156, 0.3685



20.8971, 0.3065, 0.3311



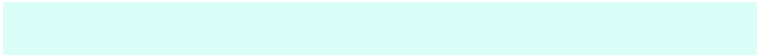
0.0000, 0.0000, 0.0000



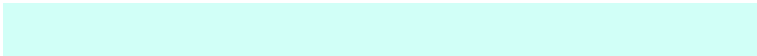
21.4041, 0.3127, 0.3290

Same Dimension

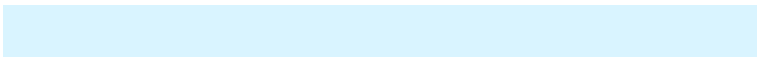
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0437, 0.2937, 0.3361



91.7786, 0.2899, 0.3377



86.4195, 0.2895, 0.3172



20.4208, 0.3005, 0.3334



39.7749, 0.2413, 0.3886



3.8869, 0.2392, 0.3810

Inverse Universe

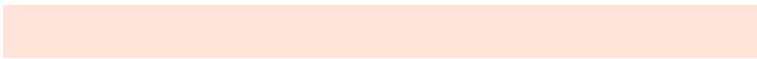
The Inverse Universe completely reimagines the original color for something new.



76.2446, 0.3358, 0.3221



71.9475, 0.3415, 0.3205



81.9597, 0.3390, 0.3405



18.0416, 0.3265, 0.3247



11.2310, 0.6121, 0.3146



1.1075, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 93.0490, 0.2937, 0.3361 looks on a white background.

Color Contrast Check

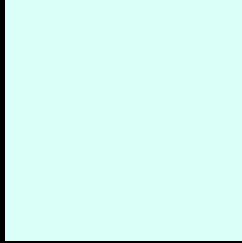
Large Text (above 18pt) WCAG AA × Fail

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 93.0490, 0.2937, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

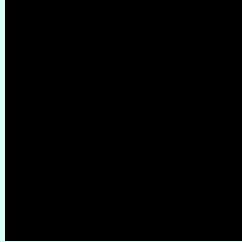
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

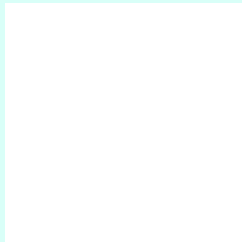
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0490, 0.2937, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 93.0490, 0.2937, 0.3361.

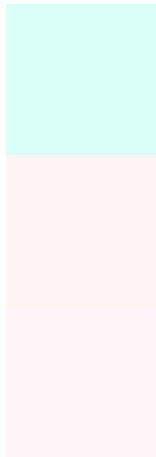


This preview shows how white text looks on a background with the Yxy color 93.0490, 0.2937, 0.3361.

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

93.0490, 0.2937, 0.3361

Protanopia

92.4713, 0.3185, 0.3310

Deuteranopia

92.7387, 0.3174, 0.3252



Tritanopia

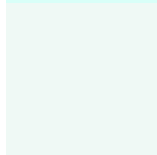
92.7055, 0.3030, 0.3221

Trichromacy



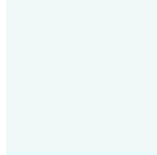
Original Color

93.0490, 0.2937, 0.3361



Protanomaly

92.6947, 0.3087, 0.3330



Deuteranomaly

92.6129, 0.3083, 0.3290



Tritanomaly

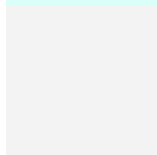
93.0116, 0.2998, 0.3280

Monochromacy



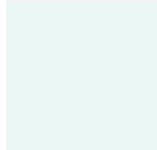
Original Color

93.0490, 0.2937, 0.3361



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6065, 0.3057, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0490, 0.2937, 0.3361 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(217, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 248)  
}
```

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(217, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 93.0490, 0.2937, 0.3361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

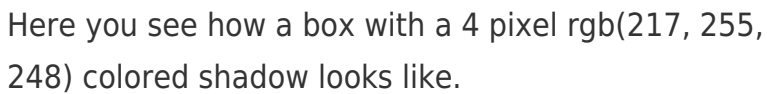
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 248) }
```

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

```
.border{ border-color:rgb(217, 255, 248) }
```

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



Here you see how a box with a 4 pixel rgb(217, 255, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 248); box-shadow:4px 4px 4px 4px rgb(217, 255, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0490, 0.2937, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 248) }
```

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

```
.background{ background-color: rgb(217,  
255, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor