

Converting Colors

Yxy(91.4580, 0.2837, 0.3308)

Have a look what the booklet for
Yxy(91.4580, 0.2837, 0.3308)
contains.

Yxy(91.4492, 0.2837, 0.3310)	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(91.4492, 0.2837, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFFD
RGB	204, 255, 253
RGB Percent	80%, 100%, 99%
CMY	0.2002, 0.0000, 0.0078
CMYK	0.20, 0.00, 0.01, 0.00
HSL	178°, 100%, 90%
HSV	178°, 20%, 100%
XYZ	78.3811, 91.4492, 106.4513
YIQ	239.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

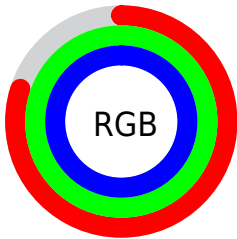
Format	Color
R_{YB}	204, 230, 255
Decimal	13434877
CIE _{Lab}	96.59, -16.44, -4.37
CIE _{LCh}	97, 17.014, 194.887
Yxy	91.4492, 0.2837, 0.3310
Android (android.graphics.Color)	4291624957 (0xFFCCFFFD)
YUV	239.5230, 6.6442, -31.1537
Hunter-Lab	95.6291, -21.0458, 0.9406

Details

The Yxy color **91.4492, 0.2837, 0.3310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.8755, 0.3512, 0.3271**, and the grayscale version is **86.6973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7633, 0.2779, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **88.0671, 0.2707, 0.3321**, and if you desaturate by 10%, it is **95.4080, 0.2978, 0.3300**.

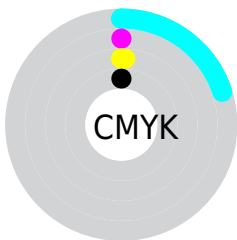
Distribution



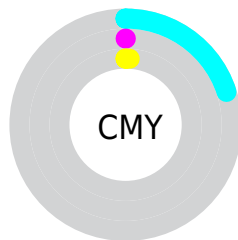
- Red (80%)
- Green (100%)
- Blue (99%)



- Red (80%)
- Yellow (90%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4492, 0.2837, 0.3310 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 91.4492, 0.2837, 0.3310 by changing the saturation by 10% instead.

 91.4492, 0.2837,
0.3310

 91.4492, 0.2837,
0.3310

532.7338, 0.2965,
0.3303

 69.1832, 0.2809,
0.3311

149.3498, 0.2880,
0.3308

 50.8609, 0.2775,
0.3313

185.7532, 0.2897,
0.3307

 36.0980, 0.2734,
0.3315


227.6378, 0.2912,
0.3306

 24.5099, 0.2681,
0.3316

275.3881, 0.2925,
0.3305

 15.7123, 0.2612,
0.3318

329.3885, 0.2937,
0.3304

 9.3208, 0.2517,
0.3320


390.0233, 0.2947,


 4.9510, 0.2381,


0.3304


457.6770, 0.2957,
0.3303


0.3320


 2.2185, 0.2168,
0.3314


 0.7301, 0.1374,
0.3428

 91.4492, 0.2837,
0.3310


 91.4492, 0.2837,
0.3310

 88.0671, 0.2707,
0.3321


 95.4080, 0.2978,
0.3300

 85.2532, 0.2592,
0.3333

99.9904, 0.3127,
0.3290

 82.9697, 0.2493,
0.3345

100.0000, 0.3127,
0.3290

 81.1825, 0.2413,
0.3358

■ 79.8536, 0.2352,
0.3371

■ 78.9394, 0.2311,
0.3384

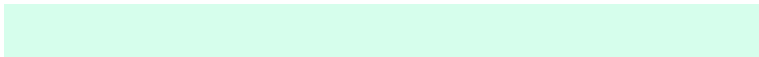
■ 78.3880, 0.2289,
0.3397

■ 78.1146, 0.2281,
0.3410

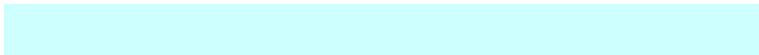
Harmonies

Analogous

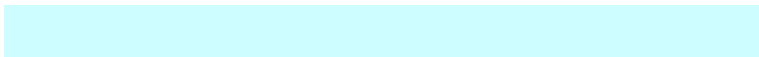
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4492, 0.2984, 0.3481



91.4492, 0.2837, 0.3310



91.4492, 0.2767, 0.3140

Triad

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



91.4492, 0.2837, 0.3310



91.4492, 0.3074, 0.3005



91.4492, 0.3474, 0.3556

Complementary

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



91.4492, 0.2837, 0.3310



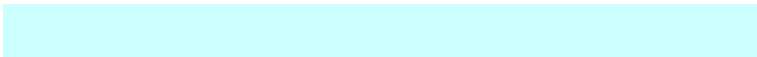
68.8755, 0.3512, 0.3271

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.



91.4492, 0.3501, 0.3422



91.4492, 0.2837, 0.3310



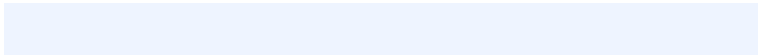
91.4492, 0.3266, 0.3110

Square

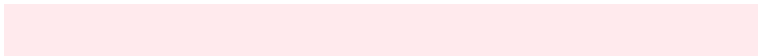
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



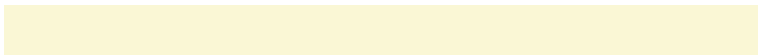
91.4492, 0.2837, 0.3310



91.4492, 0.2901, 0.2971



91.4492, 0.3424, 0.3260



91.4492, 0.3352, 0.3623

Rectangle

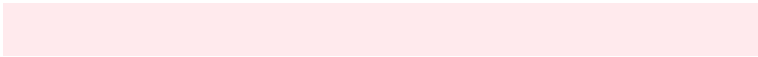
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



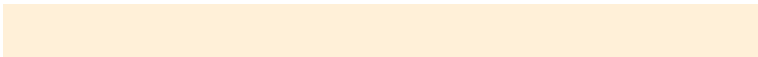
91.4492, 0.2837, 0.3310



91.4492, 0.2772, 0.3051



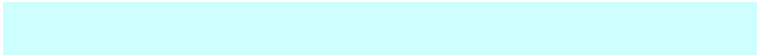
91.4492, 0.3424, 0.3260



91.4492, 0.3494, 0.3517

Sweetspot

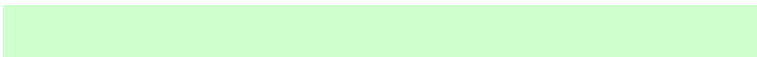
The Sweet Spot groups the original color and five complimentary colors.



91.4424, 0.2837, 0.3310



97.1743, 0.3037, 0.3296



89.0711, 0.3117, 0.3843



20.7364, 0.3027, 0.3296



0.0000, 0.0000, 0.0000



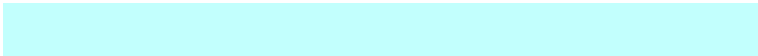
21.4041, 0.3127, 0.3290

Same Dimension

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



91.4424, 0.2837, 0.3310



90.0298, 0.2784, 0.3314



77.7790, 0.2811, 0.3045



20.4685, 0.2985, 0.3299



40.8220, 0.2280, 0.3408



3.9784, 0.2276, 0.3393

Inverse Universe

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



68.8755, 0.3512, 0.3271



63.7489, 0.3611, 0.3267



80.5130, 0.3482, 0.3523



17.9986, 0.3288, 0.3281



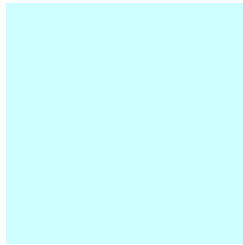
11.1252, 0.6361, 0.3278



1.0871, 0.6268, 0.3227

Previews

White Background



This preview shows how the Yxy color 91.4492, 0.2837, 0.3310 looks on a white background.

Color Contrast Check

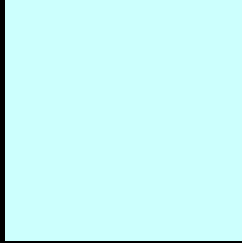
Large Text (above 18pt) WCAG AA × Fail

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 91.4492, 0.2837, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

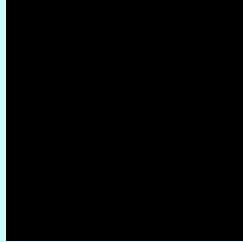
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

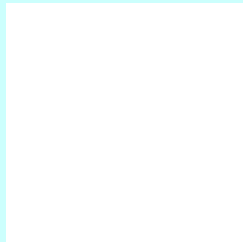
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4492, 0.2837, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 91.4492, 0.2837, 0.3310.

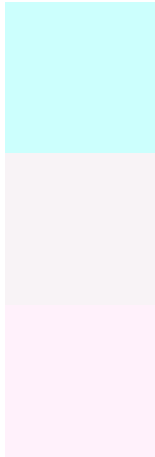


This preview shows how white text looks on a background with the Yxy color 91.4492, 0.2837, 0.3310.

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

91.4492, 0.2837, 0.3310

Protanopia

90.7115, 0.3142, 0.3261

Deuteranopia

91.1356, 0.3158, 0.3194



Tritanopia

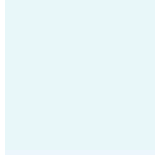
90.8973, 0.2987, 0.3210

Trichromacy



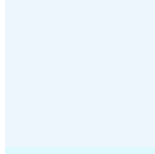
Original Color

91.4492, 0.2837, 0.3310



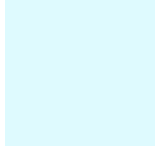
Protanomaly

90.5169, 0.3021, 0.3270



Deuteranomaly

90.7727, 0.3029, 0.3230



Tritanomaly

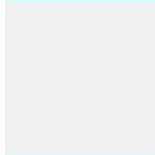
91.0566, 0.2933, 0.3249

Monochromacy



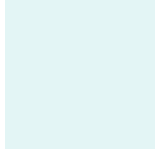
Original Color

91.4492, 0.2837, 0.3310



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.2283, 0.3013, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4492, 0.2837, 0.3310 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(204, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 253)  
}
```

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(204, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 91.4492, 0.2837, 0.3310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

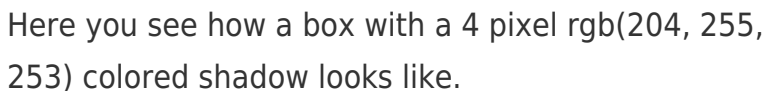
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 255, 253) }
```

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

```
.border{ border-color:rgb(204, 255, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 255, 253); box-shadow:4px 4px 4px 4px rgb(204, 255, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4492, 0.2837, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 253) }
```

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

```
.background{ background-color: rgb(204,  
255, 253) }
```

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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