

Converting Colors

$Yxy(91.0971, 0.2909, 0.3289)$

Have a look what the booklet for
Yxy(91.0971, 0.2909, 0.3289)
contains.

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Color

Yxy(91.2480, 0.2909, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D8FCFC
RGB	216, 252, 252
RGB Percent	85%, 99%, 99%
CMY	0.1529, 0.0118, 0.0116
CMYK	0.14, 0.00, 0.00, 0.01
HSL	180°, 86%, 92%
HSV	180°, 14%, 99%
XYZ	80.7055, 91.2480, 105.4804
YIQ	241.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

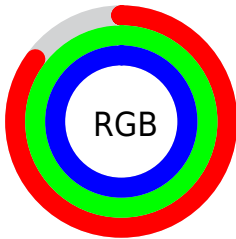
Format	Color
R _Y B	216, 234, 252
Decimal	14220540
CIE Lab	96.51, -11.50, -3.91
CIE LCh	97, 12.143, 198.775
Yxy	91.2480, 0.2909, 0.3289
Android (android.graphics.Color)	4292410620 (0xFFD8FCFC)
YUV	241.2360, 5.3067, -22.1320
Hunter-Lab	95.5238, -16.3568, 1.3968

Details

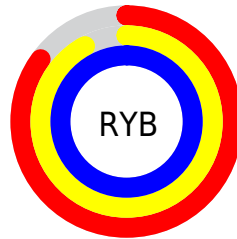
The Yxy color **91.2480, 0.2909, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7932, 0.3393, 0.3291**, and the grayscale version is **88.1334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5474, 0.2867, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **87.6884, 0.2768, 0.3288**, and if you desaturate by 10%, it is **95.4040, 0.3060, 0.3290**.

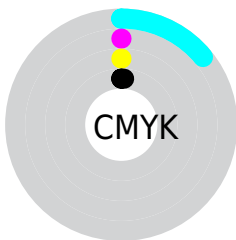
Distribution



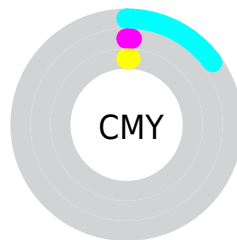
- Red (85%)
- Green (99%)
- Blue (99%)



- Red (85%)
- Yellow (92%)
- Blue (99%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (15%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2480, 0.2909, 0.3289 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 91.2480, 0.2909, 0.3289 by changing the saturation by 10% instead.

 91.2480, 0.2909,
0.3289

 91.2480, 0.2909,
0.3289

532.0822, 0.3005,
0.3290

 69.0162, 0.2888,
0.3289


149.0707, 0.2942,
0.3290

 50.7249, 0.2862,
0.3288


185.4304, 0.2955,
0.3290

 35.9897, 0.2831,
0.3287


227.2682, 0.2966,
0.3290

 24.4263, 0.2791,
0.3286

274.9685, 0.2976,
0.3290

 15.6501, 0.2738,
0.3283

328.9156, 0.2984,
0.3290

 9.2769, 0.2666,
0.3280

389.4940, 0.2992,

 4.9222, 0.2562,

0.3290

0.3273

457.0881, 0.2999,
0.3290

■ 2.2017, 0.2396,
0.3259

■ 0.7209, 0.1850,
0.3297

■ 91.2480, 0.2909,
0.3289

■ 91.2480, 0.2909,
0.3289

■ 87.6884, 0.2768,
0.3288

■ 95.4040, 0.3060,
0.3290

■ 84.6870, 0.2640,
0.3288


■ 97.9400, 0.3146,
0.3290


■ 82.2187, 0.2529,
0.3287

■ 97.9543, 0.3146,
0.3290

■ 80.2524, 0.2435,
0.3287

■ 97.9686, 0.3146,
0.3291


 78.7532, 0.2360,
0.3286


 97.9829, 0.3146,
0.3291


 77.6823, 0.2305,
0.3286


 97.9972, 0.3146,
0.3291


 76.9942, 0.2270,
0.3285

 98.0116, 0.3146,
0.3291

 76.6335, 0.2251,
0.3285

 98.0259, 0.3146,
0.3291

 76.5289, 0.2246,
0.3285

 98.0402, 0.3146,
0.3292

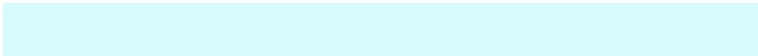
Harmonies

Analogous

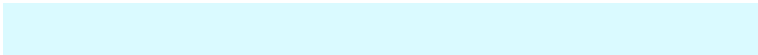
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2480, 0.3009, 0.3411



91.2480, 0.2909, 0.3289



91.2480, 0.2867, 0.3170

Triad

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



91.2480, 0.2909, 0.3289



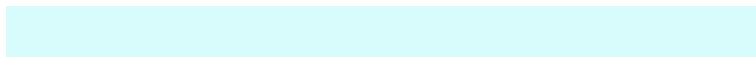
91.2480, 0.3108, 0.3092



91.2480, 0.3367, 0.3491

Complementary

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



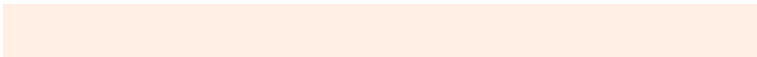
91.2480, 0.2909, 0.3289



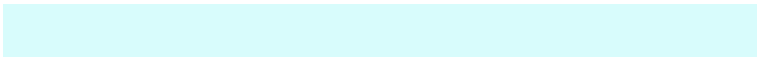
74.7932, 0.3393, 0.3291

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.



91.2480, 0.3395, 0.3401



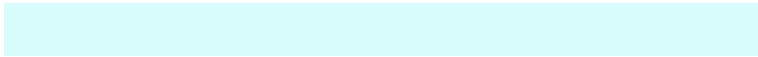
91.2480, 0.2909, 0.3289



91.2480, 0.3244, 0.3173

Square

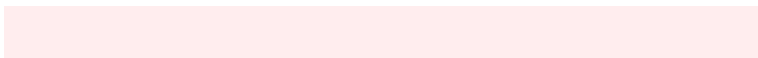
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2480, 0.2909, 0.3289



91.2480, 0.2980, 0.3060



91.2480, 0.3350, 0.3285



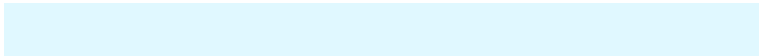
91.2480, 0.3273, 0.3528

Rectangle

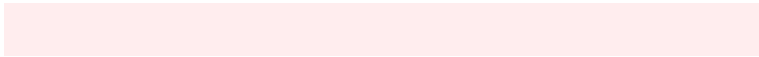
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



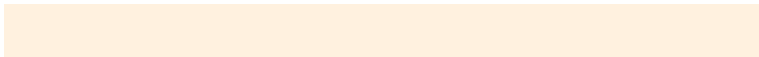
91.2480, 0.2909, 0.3289



91.2480, 0.2876, 0.3110



91.2480, 0.3350, 0.3285



91.2480, 0.3384, 0.3465

Sweetspot

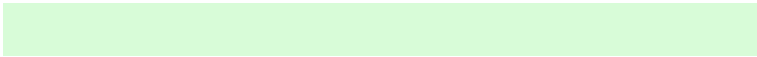
The Sweet Spot groups the original color and five complimentary colors.



91.2518, 0.2909, 0.3289



98.1106, 0.3065, 0.3290



89.2002, 0.3109, 0.3672



20.9261, 0.3053, 0.3290



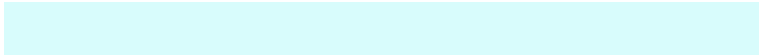
0.0000, 0.0000, 0.0000



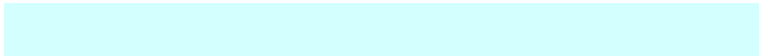
21.4041, 0.3127, 0.3290

Same Dimension

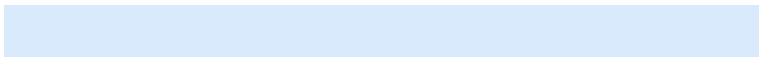
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2518, 0.2909, 0.3289



92.6601, 0.2870, 0.3289



80.4885, 0.2903, 0.3102



19.6058, 0.2980, 0.3289



39.8542, 0.2246, 0.3285



3.6920, 0.2246, 0.3285

Inverse Universe

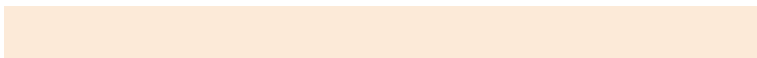
The Inverse Universe completely reimagines the original color for something new.



76.8465, 0.3144, 0.2936



75.3896, 0.3147, 0.2868



84.5177, 0.3367, 0.3471



17.5243, 0.3138, 0.3057



14.4342, 0.3211, 0.1543



1.3369, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 91.2480, 0.2909, 0.3289 looks on a white background.

Color Contrast Check

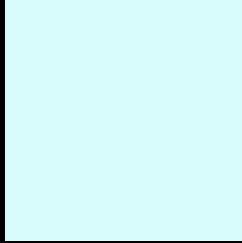
Large Text (above 18pt) WCAG AA × Fail

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 91.2480, 0.2909, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

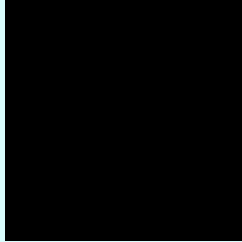
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.2480, 0.2909, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 91.2480, 0.2909, 0.3289.

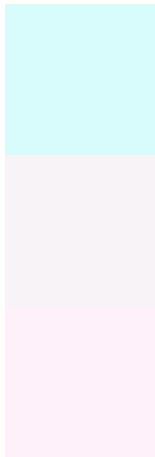


This preview shows how white text looks on a background with the Yxy color 91.2480, 0.2909, 0.3289.

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

91.2480, 0.2909, 0.3289

Protanopia

90.7730, 0.3135, 0.3251

Deuteranopia

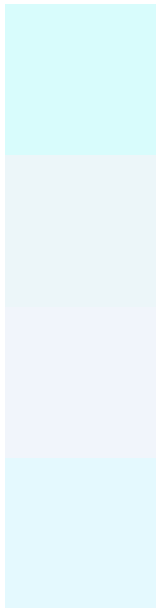
91.0727, 0.3164, 0.3203



Tritanopia

91.4037, 0.3006, 0.3210

Trichromacy



Original Color

91.2480, 0.2909, 0.3289

Protanomaly

90.5840, 0.3046, 0.3260

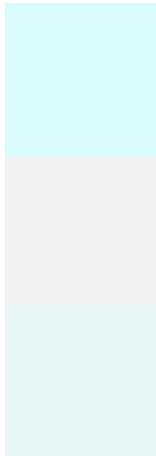
Deuteranomaly

90.9706, 0.3066, 0.3231

Tritanomaly

91.4011, 0.2969, 0.3239

Monochromacy



Original Color

91.2480, 0.2909, 0.3289

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.0532, 0.3044, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2480, 0.2909, 0.3289 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, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(216, 252, 252)  
}
```

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, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 252, 252) }
```

Border

The CSS property to change the border of an element to Yxy 91.2480, 0.2909, 0.3289 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, 252, 252) }
```

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

```
.border{ border-color:rgb(216, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(216, 252,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2480, 0.2909, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 252, 252) }
```

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

```
.background{ background-color: rgb(216,  
252, 252) }
```

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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