

Converting Colors

$Yxy(91.5903, 0.2769, 0.3124)$

Have a look what the booklet for
Yxy(91.5903, 0.2769, 0.3124)
contains.

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Color

Yxy(90.7360, 0.2842, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	CFFDFF
RGB	207, 253, 255
RGB Percent	81%, 99%, 100%
CMY	0.1886, 0.0077, 0.0001
CMYK	0.19, 0.01, 0.00, 0.00
HSL	182°, 100%, 91%
HSV	182°, 19%, 100%
XYZ	78.8840, 90.7360, 107.9450
YIQ	239.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

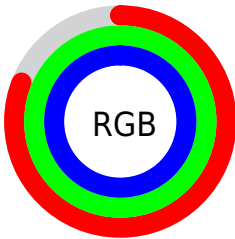
Format	Color
R_{YB}	207, 230, 255
Decimal	13630975
CIE Lab	96.30, -14.18, -5.80
CIE LCh	96, 15.318, 202.254
Yxy	90.7360, 0.2842, 0.3269
Android (android.graphics.Color)	4291821055 (0xFFCFFDFF)
YUV	239.4740, 7.6543, -28.4797
Hunter-Lab	95.2554, -18.8757, -0.5096

Details

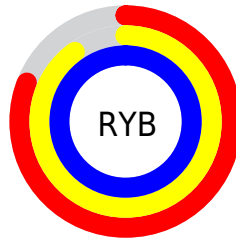
The Yxy color **90.7360, 0.2842, 0.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2850, 0.3495, 0.3311**, and the grayscale version is **86.6489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2325, 0.2785, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **86.7100, 0.2705, 0.3257**, and if you desaturate by 10%, it is **95.3659, 0.2990, 0.3281**.

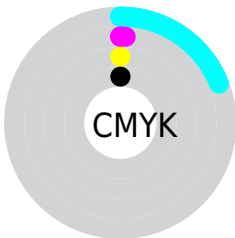
Distribution



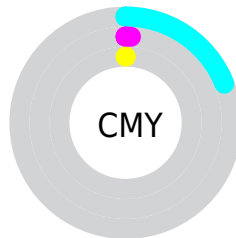
- Red (81%)
- Green (99%)
- Blue (100%)



- Red (81%)
- Yellow (90%)
- Blue (100%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.7360, 0.2842, 0.3269 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 90.7360, 0.2842, 0.3269 by changing the saturation by 10% instead.

 90.7360, 0.2842,
0.3269

 90.7360, 0.2842,
0.3269


530.4221, 0.2968,
0.3280

 68.5912, 0.2815,
0.3266


148.3603, 0.2885,
0.3273

 50.3789, 0.2781,
0.3263


184.6086, 0.2901,
0.3274

 35.7145, 0.2740,
0.3258


226.3270, 0.2916,
0.3276

 24.2138, 0.2688,
0.3252

273.8997, 0.2929,
0.3277

 15.4923, 0.2620,
0.3244

327.7111, 0.2940,
0.3278

 9.1656, 0.2527,
0.3231

388.1458, 0.2950,

 4.8494, 0.2393,

0.3278

0.3210

455.5880, 0.2960,
0.3279

■ 2.1592, 0.2183,
0.3170

■ 0.6976, 0.1445,
0.3180

■ 90.7360, 0.2842,
0.3269

■ 90.7360, 0.2842,
0.3269

■ 86.7100, 0.2705,
0.3257

■ 95.3659, 0.2990,
0.3281

■ 83.2483, 0.2580,
0.3244

99.9987, 0.3127,
0.3290

■ 80.3238, 0.2472,
0.3230

■ 77.9029, 0.2383,
0.3217

■ 75.9481, 0.2312,
0.3203

■ 74.4164, 0.2261,
0.3189

■ 73.2573, 0.2229,
0.3175

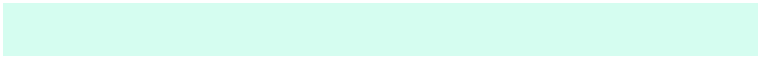
■ 72.3969, 0.2213,
0.3162

■ 72.3065, 0.2211,
0.3161

Harmonies

Analogous

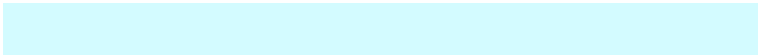
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7360, 0.2960, 0.3427



90.7360, 0.2842, 0.3269



90.7360, 0.2799, 0.3123

Triad

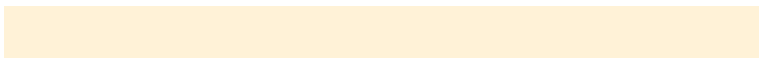
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.7360, 0.2842, 0.3269



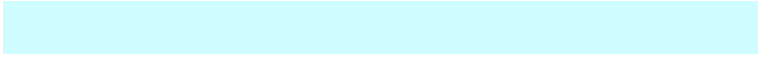
90.7360, 0.3122, 0.3050



90.7360, 0.3420, 0.3552

Complementary

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



90.7360, 0.2842, 0.3269



71.2850, 0.3495, 0.3311

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.



90.7360, 0.3467, 0.3444



90.7360, 0.2842, 0.3269



90.7360, 0.3293, 0.3158

Square

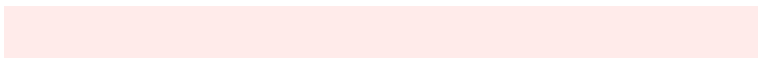
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



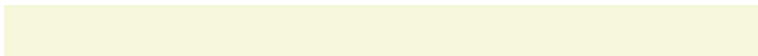
90.7360, 0.2842, 0.3269



90.7360, 0.2957, 0.3002



90.7360, 0.3420, 0.3300



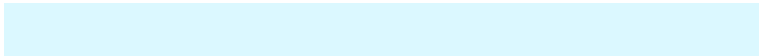
90.7360, 0.3293, 0.3593

Rectangle

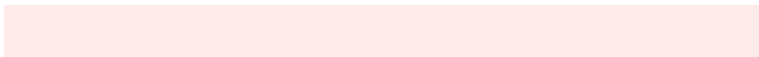
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.7360, 0.2842, 0.3269



90.7360, 0.2817, 0.3051



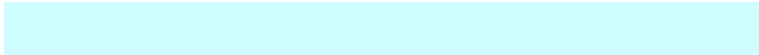
90.7360, 0.3420, 0.3300



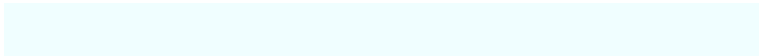
90.7360, 0.3446, 0.3522

Sweetspot

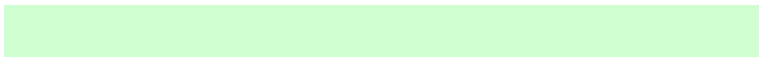
The Sweet Spot groups the original color and five complimentary colors.



90.7397, 0.2842, 0.3269



96.8176, 0.3034, 0.3284



89.3373, 0.3094, 0.3791



20.6518, 0.3024, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

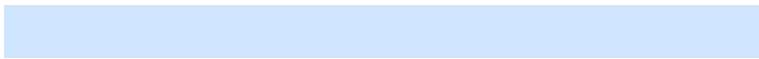
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.7397, 0.2842, 0.3269



89.0149, 0.2784, 0.3264



76.6965, 0.2827, 0.3018



20.3477, 0.2980, 0.3280



37.8444, 0.2212, 0.3163



3.7225, 0.2216, 0.3178

Inverse Universe

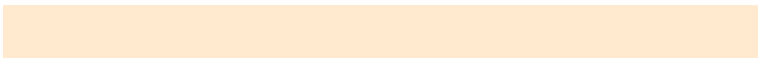
The Inverse Universe completely reimagines the original color for something new.



72.9287, 0.3163, 0.2838



67.9657, 0.3171, 0.2738



83.7763, 0.3451, 0.3548



18.2869, 0.3144, 0.3065



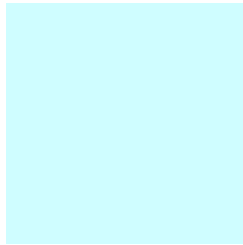
14.5484, 0.3313, 0.1599



1.4203, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 90.7360, 0.2842, 0.3269 looks on a white background.

Color Contrast Check

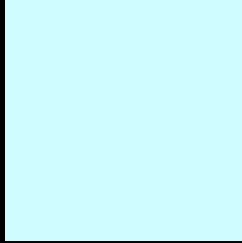
Large Text (above 18pt) WCAG AA × Fail

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 90.7360, 0.2842, 0.3269 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 90.7360, 0.2842, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 90.7360, 0.2842, 0.3269.

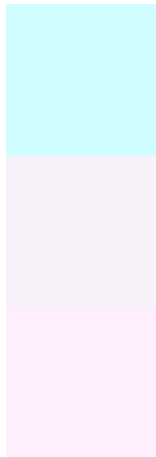


This preview shows how white text looks on a background with the Yxy color 90.7360, 0.2842, 0.3269.

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

90.7360, 0.2842, 0.3269

Protanopia

90.1180, 0.3117, 0.3221

Deuteranopia

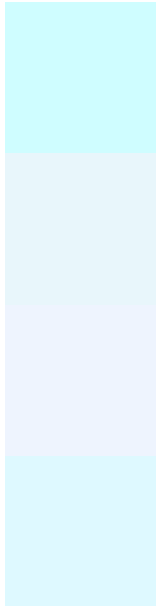
90.0849, 0.3147, 0.3155



Tritanopia

90.7305, 0.2981, 0.3210

Trichromacy



Original Color

90.7360, 0.2842, 0.3269

Protanomaly

90.0324, 0.3010, 0.3240

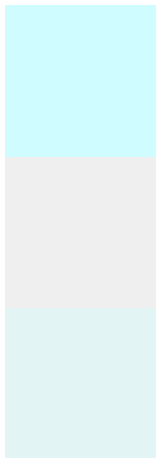
Deuteranomaly

90.0343, 0.3030, 0.3191

Tritanomaly

90.5010, 0.2927, 0.3229

Monochromacy



Original Color

90.7360, 0.2842, 0.3269

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.6248, 0.3013, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.7360, 0.2842, 0.3269 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(207, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 253, 255)  
}
```

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(207, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 90.7360, 0.2842, 0.3269 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(207, 253, 255) }
```

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

```
.border{ border-color:rgb(207, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 90.7360, 0.2842, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 253, 255) }
```

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

```
.background{ background-color: rgb(207,  
253, 255) }
```

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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