

Converting Colors

Yxy(92.8850, 0.3017, 0.3355)

Have a look what the booklet for
Yxy(92.8850, 0.3017, 0.3355)
contains.

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Color

Yxy(92.7686, 0.3013, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	E4FCF6
RGB	228, 252, 246
RGB Percent	89%, 99%, 96%
CMY	0.1060, 0.0117, 0.0352
CMYK	0.10, 0.00, 0.02, 0.01
HSL	165°, 80%, 94%
HSV	165°, 10%, 99%
XYZ	83.4364, 92.7686, 100.7162
YIQ	244.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

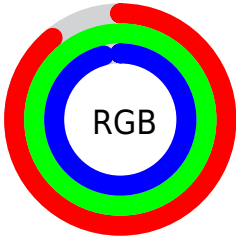
Format	Color
R_{YB}	228, 242, 252
Decimal	15006966
CIE _{Lab}	97.13, -8.89, 0.19
CIE _{LCh}	97, 8.897, 178.784
Yxy	92.7686, 0.3013, 0.3350
Android (android.graphics.Color)	4293197046 (0xFFE4FCF6)
YUV	244.1400, 0.9170, -14.1548
Hunter-Lab	96.3165, -13.9241, 5.4231

Details

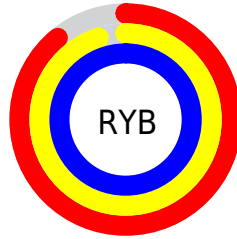
The Yxy color **92.7686, 0.3013, 0.3350** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.1085, 0.3255, 0.3231**, and the grayscale version is **90.5851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5186, 0.2984, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **88.5685, 0.2898, 0.3419**, and if you desaturate by 10%, it is **97.5903, 0.3133, 0.3287**.

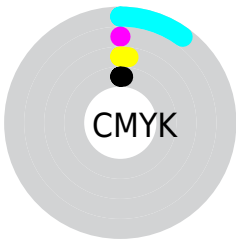
Distribution



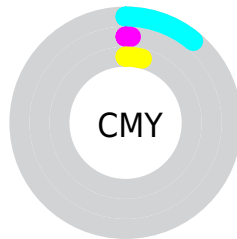
- Red (89%)
- Green (99%)
- Blue (96%)



- Red (89%)
- Yellow (95%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7686, 0.3013, 0.3350 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 92.7686, 0.3013, 0.3350 by changing the saturation by 10% instead.

 92.7686, 0.3013,
0.3350

 92.7686, 0.3013,
0.3350


536.9964, 0.3064,
0.3324

 70.2792, 0.3002,
0.3356


151.1782, 0.3030,
0.3341

 51.7542, 0.2988,
0.3363


187.8672, 0.3037,
0.3337

 36.8092, 0.2972,
0.3372


230.0581, 0.3043,
0.3334

 25.0598, 0.2951,
0.3383

278.1355, 0.3048,
0.3332

 16.1216, 0.2923,
0.3397

332.4836, 0.3053,
0.3329

 9.6102, 0.2884,
0.3418

393.4868, 0.3057,

 5.1413, 0.2828,

0.3327

0.3447

461.5297, 0.3060,
0.3325

■ 2.3304, 0.2739,
0.3494

■ 0.7897, 0.2459,
0.3639

■ 92.7686, 0.3013,
0.3350

■ 92.7686, 0.3013,
0.3350

■ 88.5685, 0.2898,
0.3419

■ 97.5903, 0.3133,
0.3287

■ 84.9522, 0.2791,
0.3495

■ 98.1073, 0.3128,
0.3262

■ 81.8957, 0.2696,
0.3576

■ 79.3688, 0.2614,
0.3663

■ 77.3386, 0.2548,
0.3753

■ 75.7679, 0.2502,
0.3846

■ 74.6149, 0.2476,
0.3940

■ 73.8292, 0.2469,
0.4034

■ 73.3328, 0.2480,
0.4127

Harmonies

Analogous

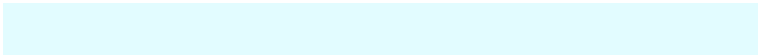
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7686, 0.3105, 0.3425



92.7686, 0.3013, 0.3350



92.7686, 0.2952, 0.3260

Triad

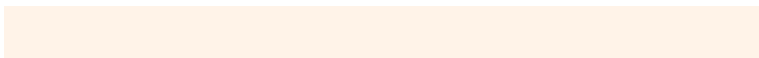
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7686, 0.3013, 0.3350



92.7686, 0.3049, 0.3125



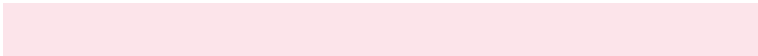
92.7686, 0.3321, 0.3397

Complementary

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



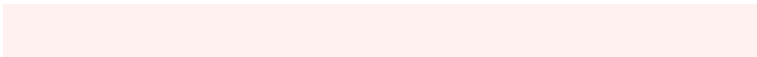
92.7686, 0.3013, 0.3350



82.1085, 0.3255, 0.3231

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.



92.7686, 0.3306, 0.3316



92.7686, 0.3013, 0.3350



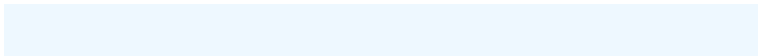
92.7686, 0.3147, 0.3161

Square

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



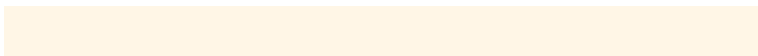
92.7686, 0.3013, 0.3350



92.7686, 0.2972, 0.3131



92.7686, 0.3242, 0.3231



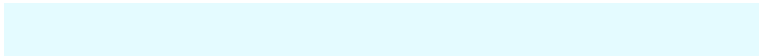
92.7686, 0.3283, 0.3450

Rectangle

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



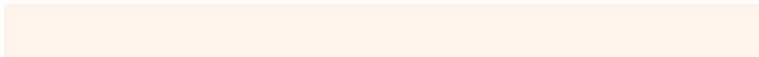
92.7686, 0.3013, 0.3350



92.7686, 0.2937, 0.3204



92.7686, 0.3242, 0.3231



92.7686, 0.3322, 0.3372

Sweetspot

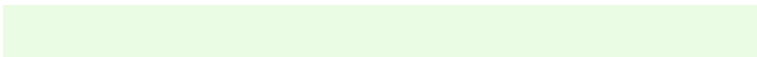
The Sweet Spot groups the original color and five complimentary colors.



92.7725, 0.3013, 0.3350



98.4558, 0.3091, 0.3308



92.7170, 0.3154, 0.3534



20.9874, 0.3081, 0.3313



0.0000, 0.0000, 0.0000



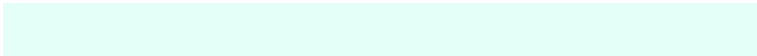
21.4041, 0.3127, 0.3290

Same Dimension

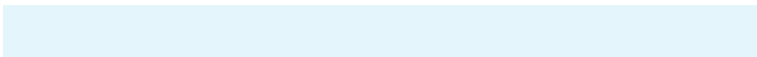
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7725, 0.3013, 0.3350



94.6210, 0.2996, 0.3360



89.4312, 0.2979, 0.3229



19.5304, 0.3014, 0.3350



38.2106, 0.2477, 0.4115



3.5558, 0.2446, 0.4004

Inverse Universe

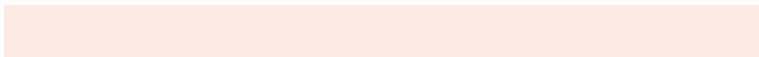
The Inverse Universe completely reimagines the original color for something new.



82.1085, 0.3255, 0.3231



82.1076, 0.3277, 0.3221



85.1338, 0.3289, 0.3350



17.2961, 0.3255, 0.3231



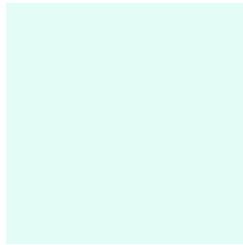
10.9856, 0.5937, 0.3044



1.0336, 0.5605, 0.2862

Previews

White Background



This preview shows how the Yxy color 92.7686, 0.3013, 0.3350 looks on a white background.

Color Contrast Check

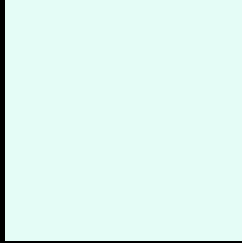
Large Text (above 18pt) WCAG AA × Fail

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 92.7686, 0.3013, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

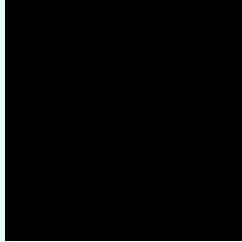
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

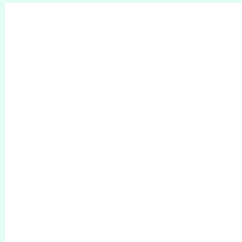
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7686, 0.3013, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 92.7686, 0.3013, 0.3350.

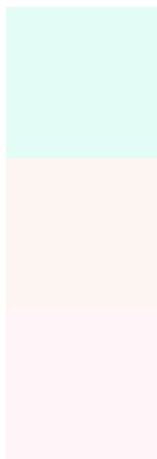


This preview shows how white text looks on a background with the Yxy color 92.7686, 0.3013, 0.3350.

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

92.7686, 0.3013, 0.3350

Protanopia

92.4111, 0.3191, 0.3319

Deuteranopia

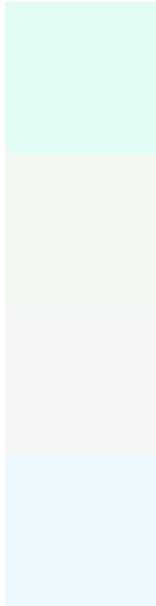
92.6768, 0.3180, 0.3261



Tritanopia

92.4423, 0.3043, 0.3211

Trichromacy



Original Color

92.7686, 0.3013, 0.3350

Protanomaly

92.6606, 0.3125, 0.3339

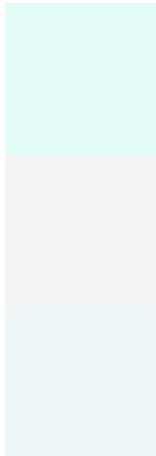
Deuteranomaly

92.6494, 0.3114, 0.3290

Tritanomaly

92.6125, 0.3029, 0.3260

Monochromacy



Original Color

92.7686, 0.3013, 0.3350

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.2912, 0.3082, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7686, 0.3013, 0.3350 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(228, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(228, 252, 246)  
}
```

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(228, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 252, 246) }
```

Border

The CSS property to change the border of an element to Yxy 92.7686, 0.3013, 0.3350 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(228, 252, 246) }
```

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

```
.border{ border-color:rgb(228, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(228, 252,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7686, 0.3013, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 252, 246) }
```

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

```
.background{ background-color: rgb(228,  
252, 246) }
```

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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