

Converting Colors

$Yxy(92.2323, 0.2993, 0.3318)$

Have a look what the booklet for
Yxy(92.2323, 0.2993, 0.3318)
contains.

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Color

Yxy(92.1026, 0.2996, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	E3FBF8
RGB	227, 251, 248
RGB Percent	89%, 98%, 97%
CMY	0.1099, 0.0156, 0.0275
CMYK	0.10, 0.00, 0.01, 0.02
HSL	172°, 75%, 94%
HSV	172°, 10%, 98%
XYZ	83.1143, 92.1026, 102.2006
YIQ	243.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

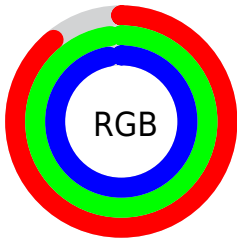
Format	Color
R_{YB}	227, 240, 251
Decimal	14941176
CIE _{Lab}	96.86, -8.34, -1.23
CIE _{LCh}	97, 8.432, 188.400
Yxy	92.1026, 0.2996, 0.3320
Android (android.graphics.Color)	4293131256 (0xFFE3FBF8)
YUV	243.4820, 2.2274, -14.4547
Hunter-Lab	95.9701, -13.3589, 4.0399

Details

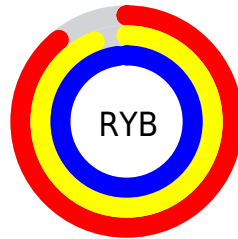
The Yxy color **92.1026, 0.2996, 0.3320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.1536, 0.3276, 0.3260**, and the grayscale version is **90.0218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1600, 0.2969, 0.3315** is the 20% darker color. If you saturate the color by 10%, you get **88.1247, 0.2866, 0.3354**, and if you desaturate by 10%, it is **96.6866, 0.3133, 0.3289**.

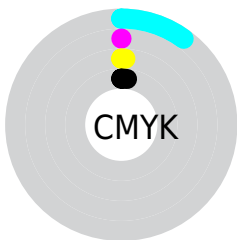
Distribution



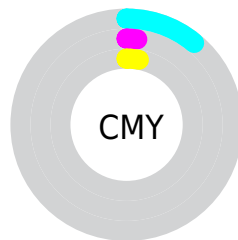
- Red (89%)
- Green (98%)
- Blue (97%)



- Red (89%)
- Yellow (94%)
- Blue (98%)



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





- Cyan (11%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1026, 0.2996, 0.3320 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 92.1026, 0.2996, 0.3320 by changing the saturation by 10% instead.


 92.1026, 0.2996,
0.3320

 92.1026, 0.2996,
0.3320

534.8471, 0.3054,
0.3307

 69.7258, 0.2983,
0.3323


150.2556, 0.3016,
0.3316

 51.3031, 0.2968,
0.3326


186.8006, 0.3023,
0.3314

 36.4499, 0.2949,
0.3330


228.8372, 0.3030,
0.3312

 24.7818, 0.2924,
0.3336

276.7497, 0.3036,
0.3311

 15.9146, 0.2893,
0.3343

330.9225, 0.3041,
0.3310

 9.4637, 0.2849,
0.3352

391.7401, 0.3046,

 5.0449, 0.2784,

0.3309

459.5868, 0.3050,
0.3308

0.3365

■ 2.2736, 0.2682,
0.3386

■ 0.7597, 0.2366,
0.3467

■ 92.1026, 0.2996,
0.3320

■ 92.1026, 0.2996,
0.3320

■ 88.1247, 0.2866,
0.3354

■ 96.6866, 0.3133,
0.3289

■ 84.7155, 0.2745,
0.3391

■ 97.4356, 0.3133,
0.3259

■ 81.8514, 0.2637,
0.3431

■ 97.4810, 0.3129,
0.3252

■ 79.5025, 0.2544,
0.3473

■ 77.6364, 0.2469,
0.3516

■ 76.2164, 0.2414,
0.3560

■ 75.2010, 0.2378,
0.3605

■ 74.5407, 0.2361,
0.3649

■ 74.1577, 0.2359,
0.3692

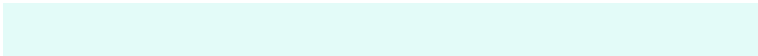
Harmonies

Analogous

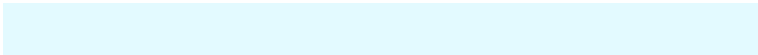
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1026, 0.3076, 0.3398



92.1026, 0.2996, 0.3320



92.1026, 0.2951, 0.3235

Triad

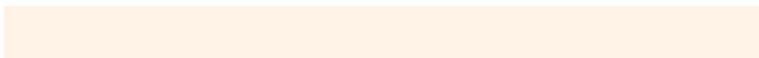
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1026, 0.2996, 0.3320



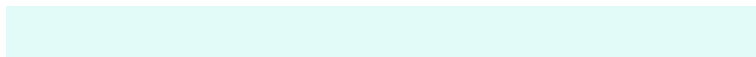
92.1026, 0.3082, 0.3140



92.1026, 0.3305, 0.3412

Complementary

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



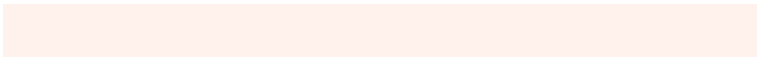
92.1026, 0.2996, 0.3320



81.1536, 0.3276, 0.3260

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.



92.1026, 0.3307, 0.3341



92.1026, 0.2996, 0.3320



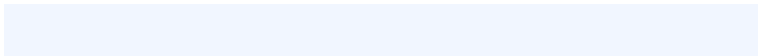
92.1026, 0.3177, 0.3186

Square

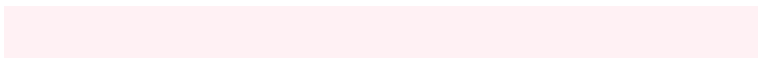
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.1026, 0.2996, 0.3320



92.1026, 0.3000, 0.3132



92.1026, 0.3260, 0.3259



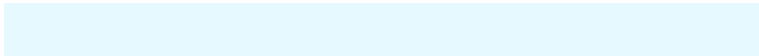
92.1026, 0.3255, 0.3451

Rectangle

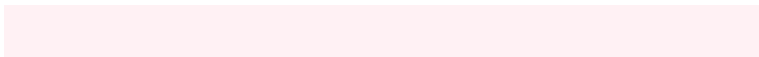
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



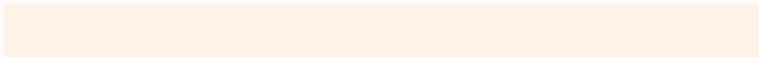
92.1026, 0.2996, 0.3320



92.1026, 0.2946, 0.3186



92.1026, 0.3260, 0.3259



92.1026, 0.3311, 0.3391

Sweetspot

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



92.1065, 0.2996, 0.3320



98.5162, 0.3086, 0.3299



91.4002, 0.3136, 0.3536



21.0037, 0.3074, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

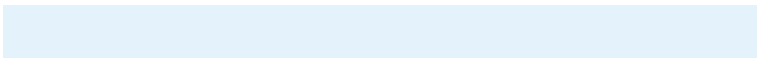
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1065, 0.2996, 0.3320



94.8383, 0.2977, 0.3325



86.9179, 0.2979, 0.3200



19.5689, 0.2997, 0.3320



38.9842, 0.2358, 0.3687



3.6208, 0.2343, 0.3634

Inverse Universe

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



81.1536, 0.3276, 0.3260



81.9103, 0.3301, 0.3256



85.9286, 0.3286, 0.3378



17.2606, 0.3274, 0.3261



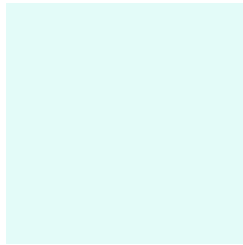
10.8450, 0.6245, 0.3214



1.0153, 0.5985, 0.3071

Previews

White Background



This preview shows how the Yxy color 92.1026, 0.2996, 0.3320 looks on a white background.

Color Contrast Check

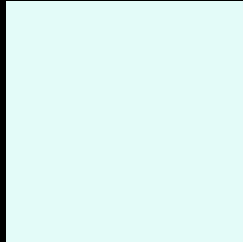
Large Text (above 18pt) WCAG AA × Fail

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 92.1026, 0.2996, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

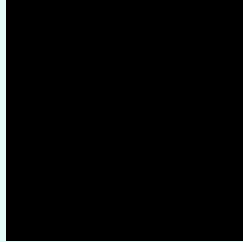
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

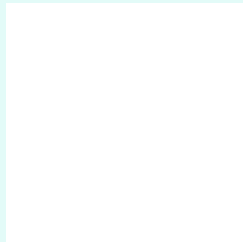
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1026, 0.2996, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 92.1026, 0.2996, 0.3320.

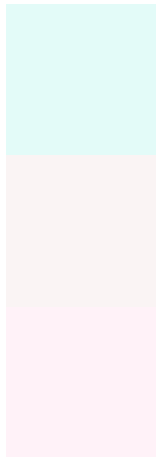


This preview shows how white text looks on a background with the Yxy color 92.1026, 0.2996, 0.3320.

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

92.1026, 0.2996, 0.3320

Protanopia

91.5570, 0.3166, 0.3290

Deuteranopia

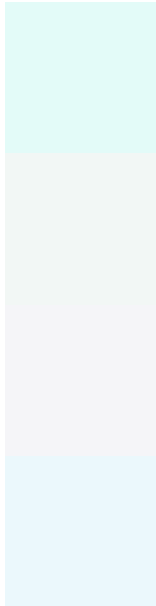
91.5416, 0.3176, 0.3232



Tritanopia

92.2668, 0.3036, 0.3211

Trichromacy



Original Color

92.1026, 0.2996, 0.3320

Protanomaly

91.9913, 0.3107, 0.3310

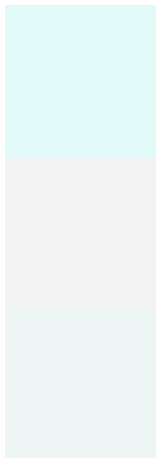
Deuteranomaly

91.4946, 0.3109, 0.3261

Tritanomaly

91.8252, 0.3023, 0.3250

Monochromacy



Original Color

92.1026, 0.2996, 0.3320

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5086, 0.3076, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1026, 0.2996, 0.3320 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(227, 251, 248)` looks like.

```
.text, #text, p{  
    color:rgb(227, 251, 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(227, 251, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 251, 248) }
```

Border

The CSS property to change the border of an element to Yxy 92.1026, 0.2996, 0.3320 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(227, 251, 248) }
```

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

```
.border{ border-color:rgb(227, 251, 248) }
```

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

Here you see how a box with a 4 pixel rgb(227, 251, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 251, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 251, 248);  
box-shadow:4px 4px 4px 4px rgb(227, 251,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1026, 0.2996, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 251, 248) }
```

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

```
.background{ background-color: rgb(227,  
251, 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](#).

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