

Converting Colors

$Yxy(89.0208, 0.2996, 0.3365)$

Have a look what the booklet for
Yxy(89.0208, 0.2996, 0.3365)
contains.

Yxy(88.8578, 0.2999, 0.3362)	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(88.8578, 0.2999, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	DDF8F1
RGB	221, 248, 241
RGB Percent	87%, 97%, 95%
CMY	0.1333, 0.0274, 0.0550
CMYK	0.11, 0.00, 0.03, 0.03
HSL	164°, 66%, 92%
HSV	164°, 11%, 97%
XYZ	79.2637, 88.8578, 96.1789
YIQ	239.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

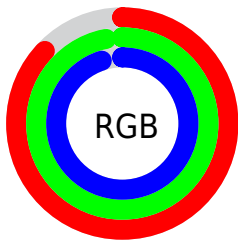
Format	Color
R _Y B	221, 237, 248
Decimal	14547185
CIE Lab	95.52, -10.06, 0.38
CIE LCh	96, 10.068, 177.838
Yxy	88.8578, 0.2999, 0.3362
Android (android.graphics.Color)	4292737265 (0xFFDDDF8F1)
YUV	239.1290, 0.9224, -15.8991
Hunter-Lab	94.2644, -14.8682, 5.4909

Details

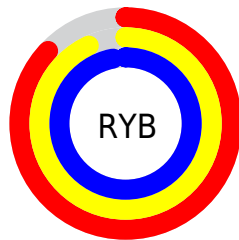
The Yxy color **88.8578, 0.2999, 0.3362** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2801, 0.3273, 0.3219**, and the grayscale version is **86.4260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3090, 0.2973, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **84.8730, 0.2887, 0.3435**, and if you desaturate by 10%, it is **93.4388, 0.3117, 0.3296**.

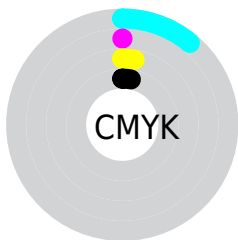
Distribution



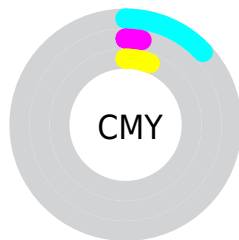
- Red (87%)
- Green (97%)
- Blue (95%)



- Red (87%)
- Yellow (93%)
- Blue (97%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)




- Cyan (13%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8578, 0.2999, 0.3362 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 88.8578, 0.2999, 0.3362 by changing the saturation by 10% instead.


 88.8578, 0.2999,
0.3362

 88.8578, 0.2999,
0.3362

524.3083, 0.3056,
0.3330

 67.0337, 0.2986,
0.3369

145.7508, 0.3018,
0.3351

 49.1120, 0.2971,
0.3378


181.5885, 0.3026,
0.3347

 34.7083, 0.2952,
0.3388


222.8662, 0.3033,
0.3343

 23.4383, 0.2927,
0.3402

269.9683, 0.3039,
0.3340

 14.9175, 0.2895,
0.3421

323.2791, 0.3044,
0.3337

 8.7615, 0.2850,
0.3446

383.1831, 0.3048,

 4.5859, 0.2783,

0.3334

0.3484

450.0647, 0.3053,
0.3332

■ 2.0064, 0.2675,
0.3545

■ 0.6112, 0.2115,
0.3855

■ 88.8578, 0.2999,
0.3362

■ 88.8578, 0.2999,
0.3362

■ 84.8730, 0.2887,
0.3435

■ 93.4388, 0.3117,
0.3296

■ 81.4478, 0.2782,
0.3515

■ 95.5458, 0.3137,
0.3234

■ 78.5589, 0.2689,
0.3601

■ 95.6175, 0.3130,
0.3223

■ 76.1770, 0.2610,
0.3692

■ 74.2697, 0.2549,
0.3787

■ 72.8009, 0.2506,
0.3885

■ 71.7295, 0.2483,
0.3984

■ 71.0058, 0.2480,
0.4082

■ 70.5773, 0.2492,
0.4171

Harmonies

Analogous

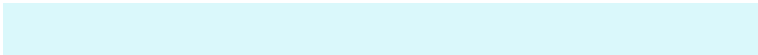
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8578, 0.3105, 0.3447



88.8578, 0.2999, 0.3362



88.8578, 0.2928, 0.3258

Triad

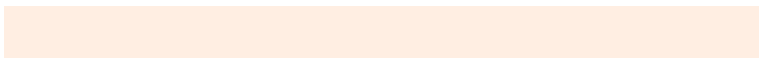
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8578, 0.2999, 0.3362



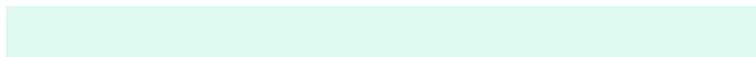
88.8578, 0.3034, 0.3100



88.8578, 0.3350, 0.3410

Complementary

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



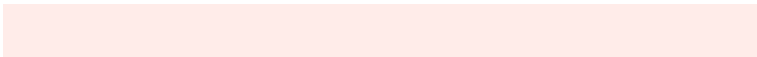
88.8578, 0.2999, 0.3362



77.2801, 0.3273, 0.3219

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.



88.8578, 0.3331, 0.3317



88.8578, 0.2999, 0.3362



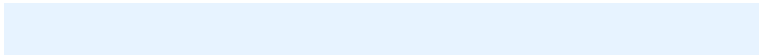
88.8578, 0.3146, 0.3140

Square

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



88.8578, 0.2999, 0.3362



88.8578, 0.2947, 0.3108



88.8578, 0.3256, 0.3219



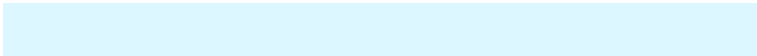
88.8578, 0.3309, 0.3473

Rectangle

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



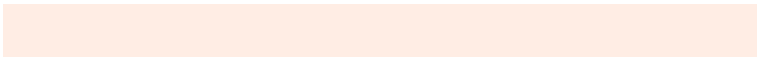
88.8578, 0.2999, 0.3362



88.8578, 0.2909, 0.3193



88.8578, 0.3256, 0.3219



88.8578, 0.3351, 0.3381

Sweetspot

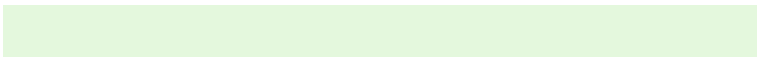
The Sweet Spot groups the original color and five complimentary colors.



88.8615, 0.2999, 0.3362



98.4504, 0.3091, 0.3309



88.8870, 0.3160, 0.3570



20.9859, 0.3082, 0.3314



0.0000, 0.0000, 0.0000



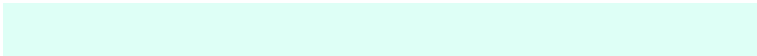
21.4041, 0.3127, 0.3290

Same Dimension

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



88.8615, 0.2999, 0.3362



93.7030, 0.2974, 0.3377



85.4813, 0.2959, 0.3225



19.5270, 0.3015, 0.3352



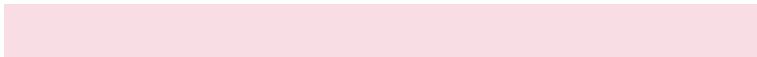
38.1486, 0.2488, 0.4155



3.5505, 0.2455, 0.4038

Inverse Universe

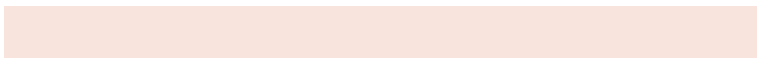
The Inverse Universe completely reimagines the original color for something new.



77.2801, 0.3273, 0.3219



79.1626, 0.3306, 0.3205



80.2867, 0.3314, 0.3355



17.2993, 0.3253, 0.3229



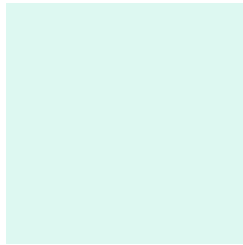
11.0029, 0.5901, 0.3025



1.0356, 0.5568, 0.2841

Previews

White Background



This preview shows how the Yxy color 88.8578, 0.2999, 0.3362 looks on a white background.

Color Contrast Check

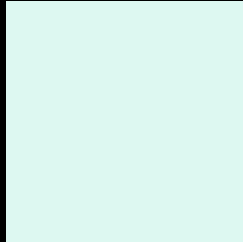
Large Text (above 18pt) WCAG AA × Fail

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 88.8578, 0.2999, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

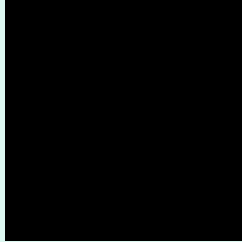
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

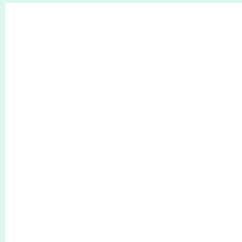
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8578, 0.2999, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 88.8578, 0.2999, 0.3362.

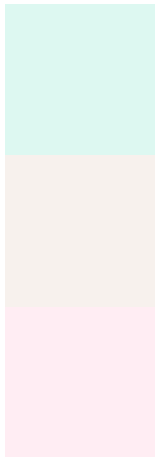


This preview shows how white text looks on a background with the Yxy color 88.8578, 0.2999, 0.3362.

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

88.8578, 0.2999, 0.3362

Protanopia

88.7992, 0.3191, 0.3330

Deuteranopia

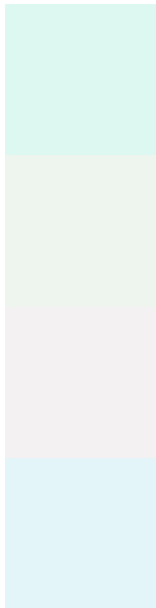
88.2994, 0.3210, 0.3232



Tritanopia

88.4770, 0.2987, 0.3170

Trichromacy



Original Color

88.8578, 0.2999, 0.3362

Protanomaly

89.0516, 0.3124, 0.3350

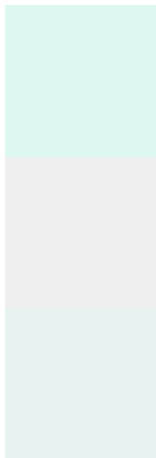
Deuteranomaly

88.3761, 0.3134, 0.3280

Tritanomaly

88.7009, 0.2991, 0.3239

Monochromacy



Original Color

88.8578, 0.2999, 0.3362

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.9513, 0.3074, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8578, 0.2999, 0.3362 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(221, 248, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 248, 241)  
}
```

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(221, 248, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 248, 241) }
```

Border

The CSS property to change the border of an element to Yxy 88.8578, 0.2999, 0.3362 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(221, 248, 241) }
```

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

```
.border{ border-color:rgb(221, 248, 241) }
```

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

Here you see how a box with a 4 pixel rgb(221, 248, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 248, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 248, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 248,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8578, 0.2999, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 248, 241) }
```

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

```
.background{ background-color: rgb(221,  
248, 241) }
```

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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