

Converting Colors

$Yxy(89.0247, 0.2983, 0.3359)$

Have a look what the booklet for
Yxy(89.0247, 0.2983, 0.3359)
contains.

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Color

Yxy(89.2222, 0.2981, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	DBF9F2
RGB	219, 249, 242
RGB Percent	86%, 98%, 95%
CMY	0.1412, 0.0235, 0.0510
CMYK	0.12, 0.00, 0.03, 0.02
HSL	166°, 71%, 92%
HSV	166°, 12%, 98%
XYZ	79.1111, 89.2222, 97.0510
YIQ	239.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

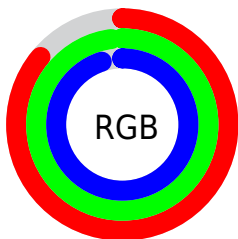
Format	Color
R _{YB}	219, 236, 249
Decimal	14416370
CIE _{Lab}	95.67, -11.02, 0.06
CIE _{LCh}	96, 11.020, 179.667
Y _{xy}	89.2222, 0.2981, 0.3362
Android (android.graphics.Color)	4292606450 (0xFFDBF9F2)
Y _{UV}	239.2320, 1.3646, -17.7435
Hunter-Lab	94.4575, -15.8014, 5.2023

Details

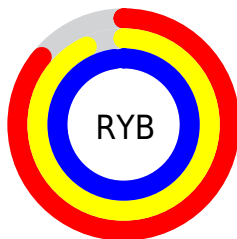
The Yxy color **89.2222, 0.2981, 0.3362** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2869, 0.3297, 0.3219**, and the grayscale version is **86.5047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5776, 0.2950, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **85.3046, 0.2866, 0.3428**, and if you desaturate by 10%, it is **93.7361, 0.3102, 0.3302**.

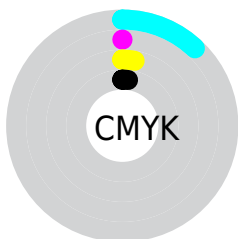
Distribution



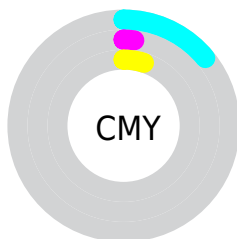
- Red (86%)
- Green (98%)
- Blue (95%)



- Red (86%)
- Yellow (93%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)





- Cyan (14%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2222, 0.2981, 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 89.2222, 0.2981, 0.3362 by changing the saturation by 10% instead.


 89.2222, 0.2981,
0.3362

 89.2222, 0.2981,
0.3362


525.4974, 0.3046,
0.3330

 67.3357, 0.2967,
0.3369


146.2575, 0.3003,
0.3351

 49.3575, 0.2949,
0.3378


182.1752, 0.3012,
0.3347

 34.9032, 0.2927,
0.3388


223.5386, 0.3020,
0.3343

 23.5883, 0.2900,
0.3402

270.7323, 0.3026,
0.3340

 15.0285, 0.2863,
0.3420

324.1407, 0.3032,
0.3337

 8.8394, 0.2812,
0.3445

384.1481, 0.3037,

 4.6366, 0.2737,

0.3334

0.3482

451.1388, 0.3042,
0.3332

■ 2.0356, 0.2615,
0.3542

■ 0.6281, 0.2005,
0.3840

■ 89.2222, 0.2981,
0.3362

■ 89.2222, 0.2981,
0.3362

■ 85.3046, 0.2866,
0.3428

■ 93.7361, 0.3102,
0.3302

■ 81.9464, 0.2760,
0.3501

■ 96.1501, 0.3138,
0.3246

■ 79.1237, 0.2666,
0.3578

■ 96.2380, 0.3130,
0.3233

■ 76.8067, 0.2587,
0.3659

■ 74.9623, 0.2525,
0.3744

■ 73.5536, 0.2482,
0.3831

■ 72.5383, 0.2459,
0.3919

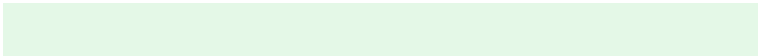
■ 71.8649, 0.2457,
0.4006

■ 71.5121, 0.2465,
0.4075

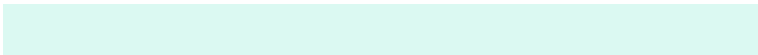
Harmonies

Analogous

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



89.2222, 0.3095, 0.3457



89.2222, 0.2981, 0.3362



89.2222, 0.2906, 0.3248

Triad

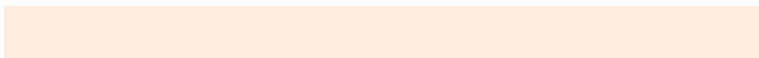
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2222, 0.2981, 0.3362



89.2222, 0.3032, 0.3084



89.2222, 0.3370, 0.3426

Complementary

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



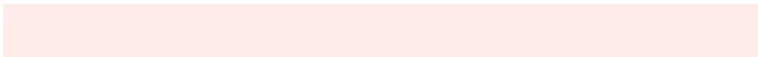
89.2222, 0.2981, 0.3362



76.2869, 0.3297, 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.



89.2222, 0.3353, 0.3325



89.2222, 0.2981, 0.3362



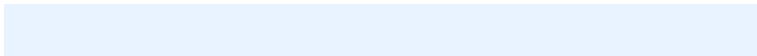
89.2222, 0.3156, 0.3131

Square

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



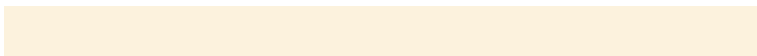
89.2222, 0.2981, 0.3362



89.2222, 0.2935, 0.3089



89.2222, 0.3274, 0.3218



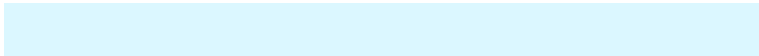
89.2222, 0.3321, 0.3493

Rectangle

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



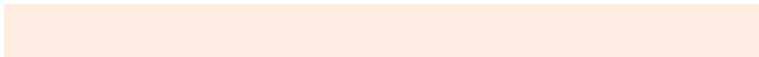
89.2222, 0.2981, 0.3362



89.2222, 0.2888, 0.3178



89.2222, 0.3274, 0.3218



89.2222, 0.3372, 0.3395

Sweetspot

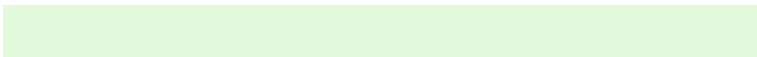
The Sweet Spot groups the original color and five complimentary colors.



89.2259, 0.2981, 0.3362



97.9640, 0.3078, 0.3313



89.1197, 0.3160, 0.3602



20.8888, 0.3069, 0.3317



0.0000, 0.0000, 0.0000



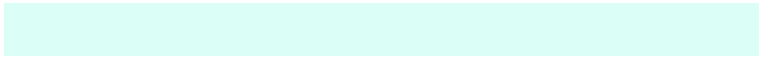
21.4041, 0.3127, 0.3290

Same Dimension

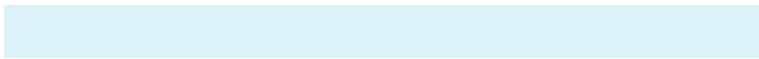
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2259, 0.2981, 0.3362



93.3210, 0.2958, 0.3375



85.1070, 0.2940, 0.3212



19.5351, 0.3011, 0.3346



38.2986, 0.2461, 0.4061



3.5633, 0.2433, 0.3957

Inverse Universe

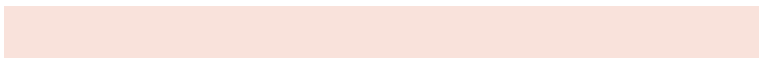
The Inverse Universe completely reimagines the original color for something new.



76.2869, 0.3297, 0.3219



77.6612, 0.3329, 0.3207



79.9149, 0.3336, 0.3367



17.2917, 0.3257, 0.3235



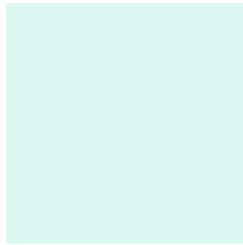
10.9630, 0.5983, 0.3070



1.0310, 0.5656, 0.2890

Previews

White Background



This preview shows how the Yxy color 89.2222, 0.2981, 0.3362 looks on a white background.

Color Contrast Check

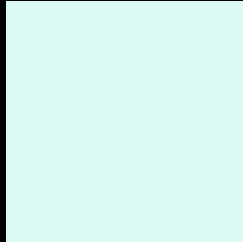
Large Text (above 18pt) WCAG AA × Fail

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 89.2222, 0.2981, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

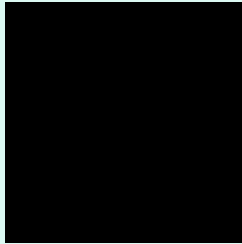
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

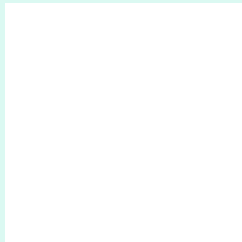
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2222, 0.2981, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 89.2222, 0.2981, 0.3362.



This preview shows how white text looks on a background with the Yxy color 89.2222, 0.2981, 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

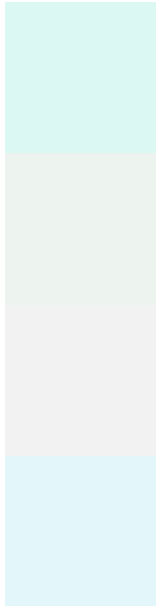




Tritanopia

89.0772, 0.2987, 0.3180

Trichromacy



Original Color

89.2222, 0.2981, 0.3362

Protanomaly

88.9379, 0.3112, 0.3340

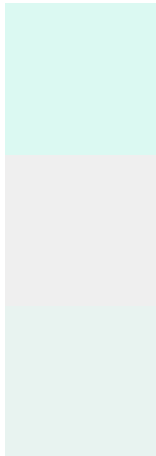
Deuteranomaly

88.8526, 0.3121, 0.3280

Tritanomaly

89.1446, 0.2985, 0.3249

Monochromacy



Original Color

89.2222, 0.2981, 0.3362

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.5483, 0.3074, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2222, 0.2981, 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(219, 249, 242)` looks like.

```
.text, #text, p{  
    color:rgb(219, 249, 242)  
}
```

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(219, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 249, 242) }
```

Border

The CSS property to change the border of an element to Yxy 89.2222, 0.2981, 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(219, 249, 242) }
```

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

```
.border{ border-color:rgb(219, 249, 242) }
```

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

Here you see how a box with a 4 pixel rgb(219, 249, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(219, 249,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2222, 0.2981, 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(219, 249, 242) }
```

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

```
.background{ background-color: rgb(219,  
249, 242) }
```

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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