

Converting Colors

Yxy(88.3432, 0.2924, 0.3181)

Have a look what the booklet for
Yxy(88.3432, 0.2924, 0.3181)
contains.

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Color

Yxy(88.2128, 0.2932, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	DFF5FF
RGB	223, 245, 255
RGB Percent	87%, 96%, 100%
CMY	0.1256, 0.0392, 0.0000
CMYK	0.13, 0.04, 0.00, 0.00
HSL	199°, 100%, 94%
HSV	199°, 13%, 100%
XYZ	81.1292, 88.2128, 107.3606
YIQ	239.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

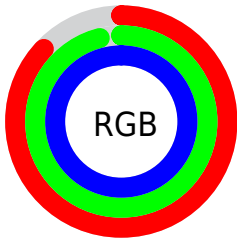
Format	Color
R _Y B	223, 236, 255
Decimal	14677503
CIE Lab	95.25, -5.23, -7.25
CIE LCh	95, 8.942, 234.194
Yxy	88.2128, 0.2932, 0.3188
Android (android.graphics.Color)	4292867583 (0xFFDFF5FF)
YUV	239.5620, 7.6109, -14.5249
Hunter-Lab	93.9217, -10.1752, -2.0284

Details

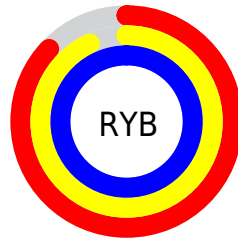
The Yxy color **88.2128, 0.2932, 0.3188** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8475, 0.3343, 0.3390**, and the grayscale version is **86.7261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7972, 0.2895, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **79.7557, 0.2777, 0.3097**, and if you desaturate by 10%, it is **97.4936, 0.3088, 0.3270**.

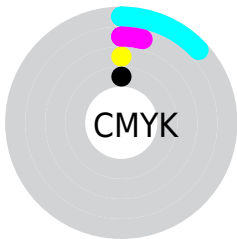
Distribution



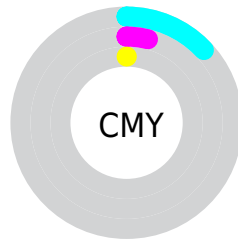
- Red (87%)
- Green (96%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2128, 0.2932, 0.3188 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 88.2128, 0.2932, 0.3188 by changing the saturation by 10% instead.

 88.2128, 0.2932,
0.3188

 88.2128, 0.2932,
0.3188

522.1999, 0.3019,
0.3234

 66.4993, 0.2913,
0.3178

144.8534, 0.2961,
0.3204

 48.6778, 0.2890,
0.3165


180.5493, 0.2973,
0.3210

 34.3640, 0.2861,
0.3149


221.6748, 0.2983,
0.3215

 23.1734, 0.2825,
0.3129

268.6142, 0.2992,
0.3220

 14.7216, 0.2776,
0.3102

321.7521, 0.3000,
0.3224

 8.6242, 0.2710,
0.3064

381.4727, 0.3007,

 4.4969, 0.2613,

0.3228

0.3007

448.1605, 0.3013,
0.3231

■ 1.9552, 0.2457,
0.2912

■ 0.5813, 0.1969,
0.2695

■ 88.2128, 0.2932,
0.3188

■ 88.2128, 0.2932,
0.3188

■ 79.7557, 0.2777,
0.3097

■ 97.4936, 0.3088,
0.3270

■ 72.0824, 0.2625,
0.2999

100.0000, 0.3127,
0.3290

■ 65.1644, 0.2481,
0.2892

■ 58.9673, 0.2347,
0.2780

■ 53.4533, 0.2227,
0.2663

■ 48.5804, 0.2126,
0.2543

■ 44.3005, 0.2044,
0.2423

■ 40.5557, 0.1983,
0.2303

■ 38.0539, 0.1949,
0.2216

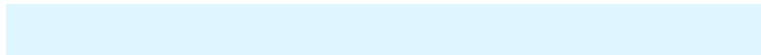
Harmonies

Analogous

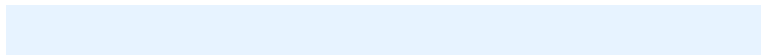
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2128, 0.2955, 0.3273



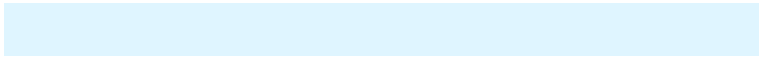
88.2128, 0.2932, 0.3188



88.2128, 0.2960, 0.3132

Triad

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



88.2128, 0.2932, 0.3188



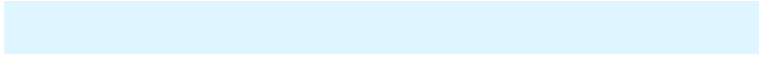
88.2128, 0.3231, 0.3217



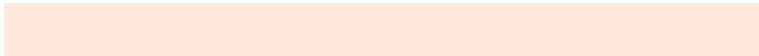
88.2128, 0.3220, 0.3467

Complementary

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



88.2128, 0.2932, 0.3188



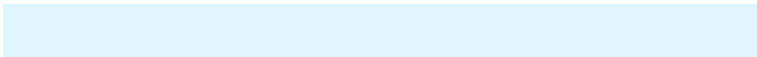
84.8475, 0.3343, 0.3390

Split Complementary

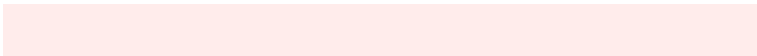
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2128, 0.3296, 0.3448



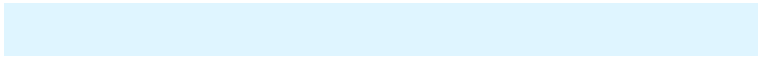
88.2128, 0.2932, 0.3188



88.2128, 0.3303, 0.3303

Square

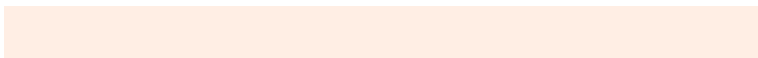
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



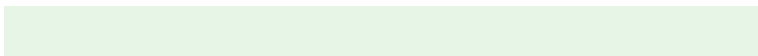
88.2128, 0.2932, 0.3188



88.2128, 0.3132, 0.3150



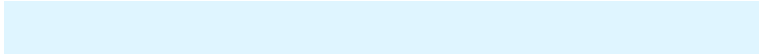
88.2128, 0.3326, 0.3388



88.2128, 0.3120, 0.3436

Rectangle

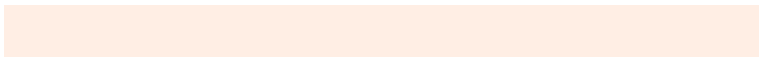
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2128, 0.2932, 0.3188



88.2128, 0.3005, 0.3118



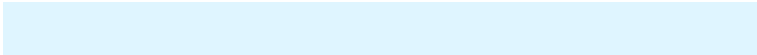
88.2128, 0.3326, 0.3388



88.2128, 0.3249, 0.3466

Sweetspot

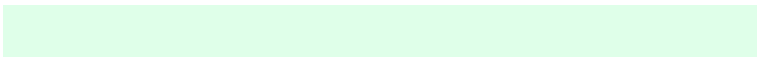
The Sweet Spot groups the original color and five complimentary colors.



88.2162, 0.2932, 0.3188



96.1030, 0.3065, 0.3259



93.0645, 0.3057, 0.3520



20.4164, 0.3054, 0.3253



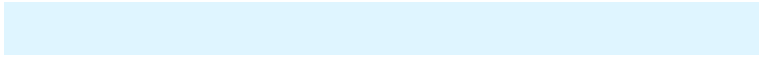
0.0000, 0.0000, 0.0000



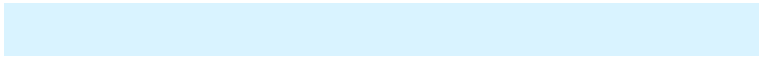
21.4041, 0.3127, 0.3290

Same Dimension

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



88.2162, 0.2932, 0.3188



86.0747, 0.2894, 0.3167



79.1566, 0.2928, 0.3026



19.4691, 0.2980, 0.3214



20.1627, 0.1954, 0.2236



2.1584, 0.1992, 0.2370

Inverse Universe

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



80.6183, 0.3207, 0.3074



77.2320, 0.3225, 0.3031



94.0886, 0.3324, 0.3541



18.1982, 0.3186, 0.3128



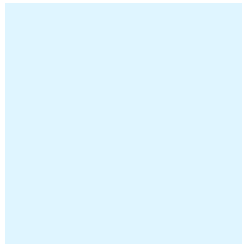
12.7634, 0.4194, 0.2084



1.2624, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 88.2128, 0.2932, 0.3188 looks on a white background.

Color Contrast Check

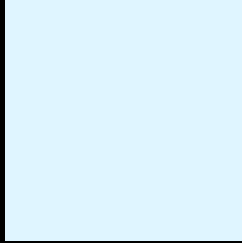
Large Text (above 18pt) WCAG AA × Fail

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 88.2128, 0.2932, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

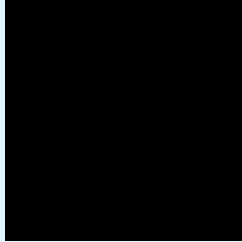
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

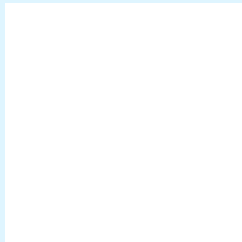
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2128, 0.2932, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 88.2128, 0.2932, 0.3188.



This preview shows how white text looks on a background with the Yxy color 88.2128, 0.2932, 0.3188.

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

88.2128, 0.2932, 0.3188

Protanopia

88.2257, 0.3068, 0.3171

Deuteranopia

87.8967, 0.3136, 0.3097



Tritanopia

88.3101, 0.2981, 0.3169

Trichromacy



Original Color

88.2128, 0.2932, 0.3188

Protanomaly

88.2583, 0.3017, 0.3180

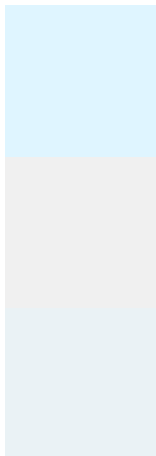
Deuteranomaly

88.0077, 0.3057, 0.3132

Tritanomaly

88.4153, 0.2962, 0.3179

Monochromacy



Original Color

88.2128, 0.2932, 0.3188

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5893, 0.3058, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2128, 0.2932, 0.3188 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(223, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 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(223, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.2128, 0.2932, 0.3188 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(223, 245, 255) }
```

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

```
.border{ border-color:rgb(223, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 245,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2128, 0.2932, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 255) }
```

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

```
.background{ background-color: rgb(223,  
245, 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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