

Converting Colors

$Yxy(93.0435, 0.3041, 0.3382)$

Have a look what the booklet for
Yxy(93.0435, 0.3041, 0.3382)
contains.

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Color

Yxy(92.9149, 0.3042, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	E6FCF3
RGB	230, 252, 243
RGB Percent	90%, 99%, 95%
CMY	0.0981, 0.0117, 0.0469
CMYK	0.09, 0.00, 0.04, 0.01
HSL	156°, 79%, 95%
HSV	156°, 9%, 99%
XYZ	83.6234, 92.9149, 98.3578
YIQ	244.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

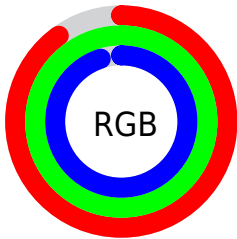
Format	Color
R _Y B	230, 244, 252
Decimal	15138035
CIE Lab	97.19, -8.79, 1.82
CIE LCh	97, 8.981, 168.279
Yxy	92.9149, 0.3042, 0.3380
Android (android.graphics.Color)	4293328115 (0xFFE6FCF3)
YUV	244.3960, -0.6882, -12.6253
Hunter-Lab	96.3924, -13.8323, 6.9757

Details

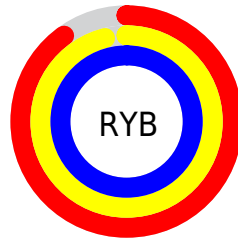
The Yxy color **92.9149, 0.3042, 0.3380** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5117, 0.3221, 0.3202**, and the grayscale version is **90.8153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6167, 0.3020, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **88.4444, 0.2947, 0.3494**, and if you desaturate by 10%, it is **97.9949, 0.3138, 0.3278**.

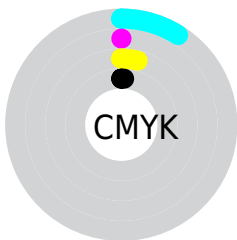
Distribution



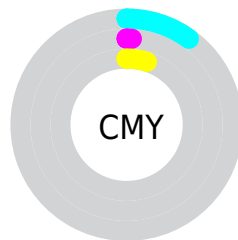
- Red (90%)
- Green (99%)
- Blue (95%)



- Red (90%)
- Yellow (96%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (10%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9149, 0.3042, 0.3380 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 92.9149, 0.3042, 0.3380 by changing the saturation by 10% instead.


 92.9149, 0.3042,
0.3380

 92.9149, 0.3042,
0.3380


537.4680, 0.3080,
0.3340

 70.4008, 0.3034,
0.3389


151.3808, 0.3055,
0.3366

 51.8533, 0.3024,
0.3400


188.1013, 0.3060,
0.3361

 36.8882, 0.3011,
0.3413


230.3262, 0.3064,
0.3356

 25.1209, 0.2995,
0.3430

278.4396, 0.3068,
0.3352

 16.1672, 0.2974,
0.3453

332.8262, 0.3072,
0.3349

 9.6425, 0.2945,
0.3484

393.8701, 0.3075,

 5.1626, 0.2902,

0.3345

0.3530

461.9559, 0.3077,
0.3343

■ 2.3430, 0.2833,
0.3605

■ 0.7963, 0.2609,
0.3832

■ 92.9149, 0.3042,
0.3380

■ 92.9149, 0.3042,
0.3380

■ 88.4444, 0.2947,
0.3494

■ 97.9949, 0.3138,
0.3278

■ 84.5809, 0.2859,
0.3620

■ 98.1039, 0.3128,
0.3262

■ 81.3002, 0.2778,
0.3756

■ 78.5719, 0.2710,
0.3903

■ 76.3626, 0.2657,
0.4057

■ 74.6354, 0.2622,
0.4216

■ 73.3480, 0.2607,
0.4377

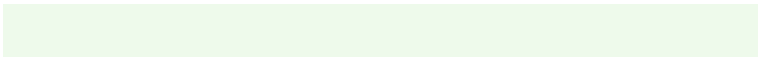
■ 72.4508, 0.2613,
0.4536

■ 71.8719, 0.2638,
0.4691

Harmonies

Analogous

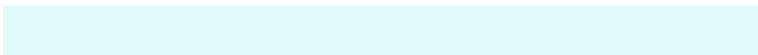
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9149, 0.3140, 0.3444



92.9149, 0.3042, 0.3380



92.9149, 0.2967, 0.3291

Triad

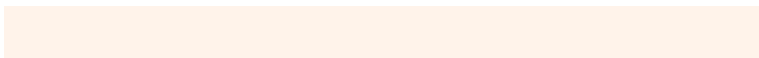
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9149, 0.3042, 0.3380



92.9149, 0.3017, 0.3120



92.9149, 0.3323, 0.3371

Complementary

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



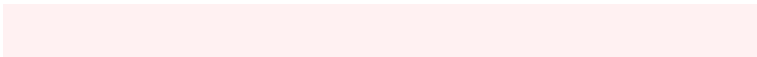
92.9149, 0.3042, 0.3380



83.5117, 0.3221, 0.3202

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.



92.9149, 0.3290, 0.3286



92.9149, 0.3042, 0.3380



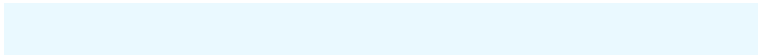
92.9149, 0.3112, 0.3143

Square

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



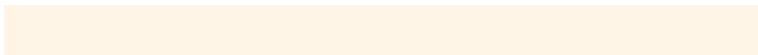
92.9149, 0.3042, 0.3380



92.9149, 0.2953, 0.3142



92.9149, 0.3212, 0.3203



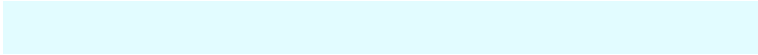
92.9149, 0.3304, 0.3437

Rectangle

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



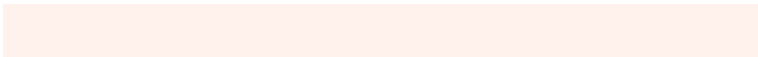
92.9149, 0.3042, 0.3380



92.9149, 0.2940, 0.3232



92.9149, 0.3212, 0.3203



92.9149, 0.3318, 0.3344

Sweetspot

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



92.9188, 0.3042, 0.3380



98.3790, 0.3098, 0.3320



93.7152, 0.3175, 0.3511



20.9666, 0.3090, 0.3328



0.0000, 0.0000, 0.0000



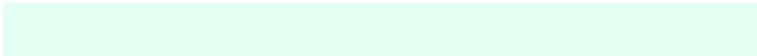
21.4041, 0.3127, 0.3290

Same Dimension

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



92.9188, 0.3042, 0.3380



94.8302, 0.3030, 0.3394



92.3265, 0.2992, 0.3271



19.4821, 0.3035, 0.3388



37.4347, 0.2635, 0.4684



3.4881, 0.2583, 0.4500

Inverse Universe

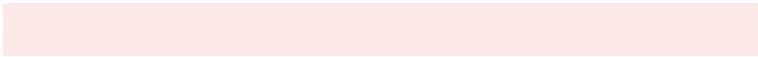
The Inverse Universe completely reimagines the original color for something new.



83.5117, 0.3221, 0.3202



83.8595, 0.3236, 0.3188



84.0220, 0.3278, 0.3309



17.3423, 0.3230, 0.3194



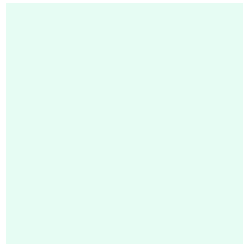
11.3130, 0.5354, 0.2723



1.0682, 0.5041, 0.2551

Previews

White Background



This preview shows how the Yxy color 92.9149, 0.3042, 0.3380 looks on a white background.

Color Contrast Check

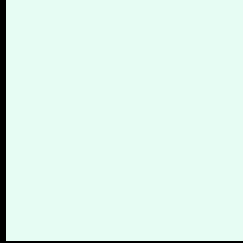
Large Text (above 18pt) WCAG AA × Fail

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 92.9149, 0.3042, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

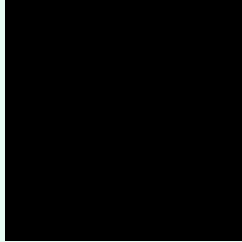
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

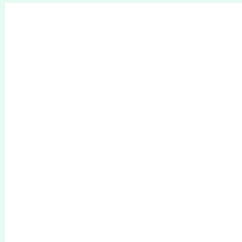
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9149, 0.3042, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 92.9149, 0.3042, 0.3380.

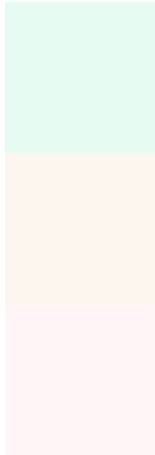


This preview shows how white text looks on a background with the Yxy color 92.9149, 0.3042, 0.3380.

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

92.9149, 0.3042, 0.3380

Protanopia

93.0262, 0.3215, 0.3358

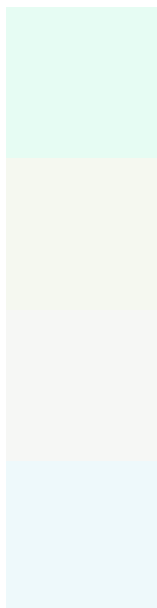
Deuteranopia

92.6152, 0.3186, 0.3271

Tritanopia

92.6188, 0.3049, 0.3211

Trichromacy



Original Color

92.9149, 0.3042, 0.3380

Protanomaly

92.8386, 0.3155, 0.3369

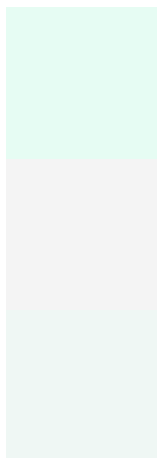
Deuteranomaly

92.7069, 0.3133, 0.3310

Tritanomaly

92.8935, 0.3047, 0.3270

Monochromacy



Original Color

92.9149, 0.3042, 0.3380

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.4039, 0.3094, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9149, 0.3042, 0.3380 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(230, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(230, 252, 243)  
}
```

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(230, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 252, 243) }
```

Border

The CSS property to change the border of an element to Yxy 92.9149, 0.3042, 0.3380 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(230, 252, 243) }
```

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

```
.border{ border-color:rgb(230, 252, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 252, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 252, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 252, 243);  
box-shadow:4px 4px 4px 4px rgb(230, 252,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9149, 0.3042, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 252, 243) }
```

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

```
.background{ background-color: rgb(230,  
252, 243) }
```

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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