

Converting Colors

$Y_{xy}(92.8433, 0.3043, 0.3244)$

Have a look what the booklet for
Yxy(92.8433, 0.3043, 0.3244)
contains.

Yxy(92.5774, 0.3042, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.5774, 0.3042, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	EFF8FD
RGB	239, 248, 253
RGB Percent	94%, 97%, 99%
CMY	0.0624, 0.0275, 0.0077
CMYK	0.06, 0.02, 0.00, 0.01
HSL	202°, 78%, 96%
HSV	202°, 6%, 99%
XYZ	86.9199, 92.5774, 106.2354
YIQ	245.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

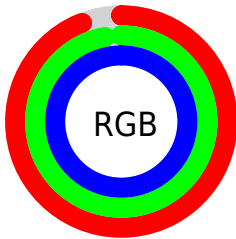
Format	Color
R _Y B	239, 244, 253
Decimal	15726845
CIE Lab	97.06, -1.99, -3.44
CIE LCh	97, 3.974, 239.997
Yxy	92.5774, 0.3042, 0.3240
Android (android.graphics.Color)	4293916925 (0xFFEFF8FD)
YUV	245.8790, 3.5107, -6.0329
Hunter-Lab	96.2172, -7.1281, 1.8886

Details

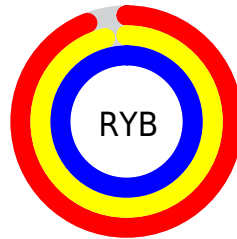
The Yxy color 92.5774, 0.3042, 0.3240 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.9120, 0.3216, 0.3339, and the grayscale version is 92.0456, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7521, 0.3026, 0.3239 is the 20% darker color. If you saturate the color by 10%, you get 82.9793, 0.2885, 0.3141, and if you desaturate by 10%, it is 99.8734, 0.3139, 0.3309.

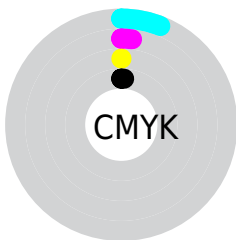
Distribution



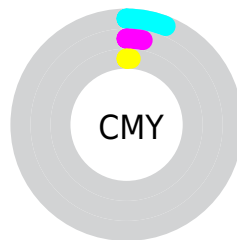
- Red (94%)
- Green (97%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5774, 0.3042, 0.3240 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 92.5774, 0.3042, 0.3240 by changing the saturation by 10% instead.


 92.5774, 0.3042,
0.3240

 92.5774, 0.3042,
0.3240


536.3799, 0.3080,
0.3262

 70.1203, 0.3034,
0.3235


150.9134, 0.3055,
0.3248

 51.6246, 0.3024,
0.3229


187.5611, 0.3060,
0.3251

 36.7060, 0.3011,
0.3222


229.7078, 0.3064,
0.3253

 24.9799, 0.2996,
0.3212

277.7378, 0.3068,
0.3255

 16.0621, 0.2975,
0.3200

332.0357, 0.3071,
0.3257

 9.5681, 0.2947,
0.3182

392.9857, 0.3075,

 5.1135, 0.2905,

0.3259

0.3157

460.9723, 0.3077,
0.3261

■ 2.3140, 0.2839,
0.3116

■ 0.7811, 0.2698,
0.3037

■ 92.5774, 0.3042,
0.3240

■ 92.5774, 0.3042,
0.3240

■ 82.9793, 0.2885,
0.3141

99.8734, 0.3139,
0.3309

■ 74.2406, 0.2728,
0.3033

■ 66.3340, 0.2574,
0.2915

■ 59.2261, 0.2427,
0.2788

■ 52.8807, 0.2290,
0.2654

■ 47.2581, 0.2168,
0.2515

■ 42.3137, 0.2065,
0.2373

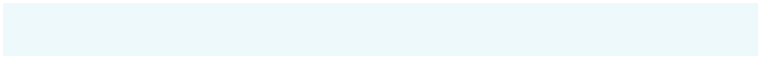
■ 37.9965, 0.1982,
0.2232

■ 34.2438, 0.1921,
0.2094

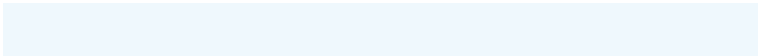
Harmonies

Analogous

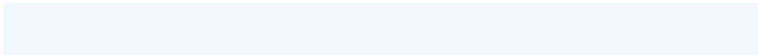
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5774, 0.3048, 0.3276



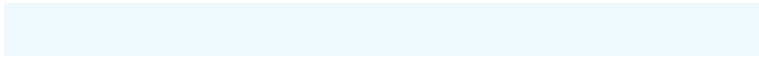
92.5774, 0.3042, 0.3240



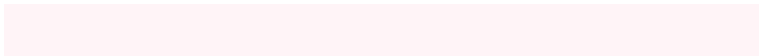
92.5774, 0.3059, 0.3218

Triad

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



92.5774, 0.3042, 0.3240



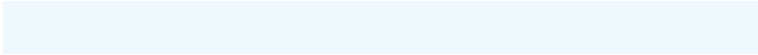
92.5774, 0.3180, 0.3265



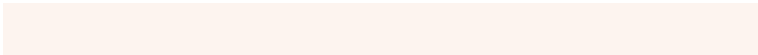
92.5774, 0.3160, 0.3366

Complementary

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



92.5774, 0.3042, 0.3240



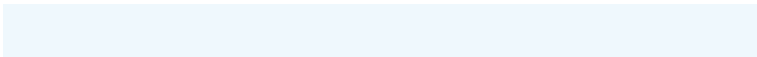
91.9120, 0.3216, 0.3339

Split Complementary

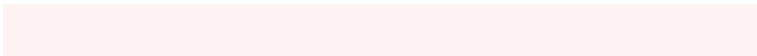
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5774, 0.3196, 0.3362



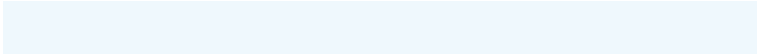
92.5774, 0.3042, 0.3240



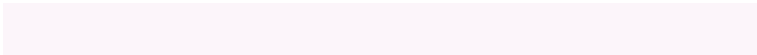
92.5774, 0.3207, 0.3304

Square

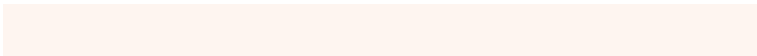
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



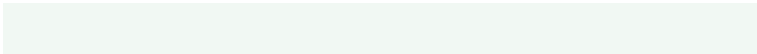
92.5774, 0.3042, 0.3240



92.5774, 0.3138, 0.3233



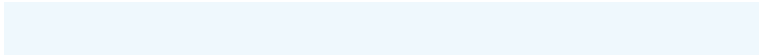
92.5774, 0.3213, 0.3340



92.5774, 0.3116, 0.3349

Rectangle

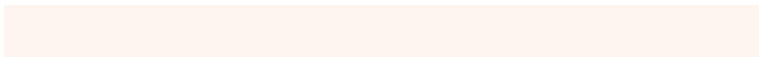
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5774, 0.3042, 0.3240



92.5774, 0.3081, 0.3214



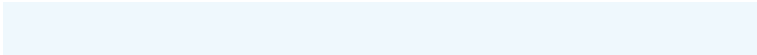
92.5774, 0.3213, 0.3340



92.5774, 0.3174, 0.3367

Sweetspot

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



92.5813, 0.3042, 0.3240



97.8721, 0.3096, 0.3272



95.1630, 0.3093, 0.3379



20.9710, 0.3098, 0.3273



0.0000, 0.0000, 0.0000



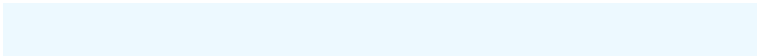
21.4041, 0.3127, 0.3290

Same Dimension

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



92.5813, 0.3042, 0.3240



92.7127, 0.3019, 0.3226



88.4806, 0.3043, 0.3172



19.7143, 0.3009, 0.3220



17.6792, 0.1904, 0.2055



1.9291, 0.1948, 0.2211

Inverse Universe

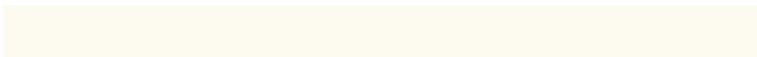
The Inverse Universe completely reimagines the original color for something new.



89.4518, 0.3164, 0.3204



88.7257, 0.3175, 0.3180



96.0785, 0.3210, 0.3405



18.7934, 0.3180, 0.3170



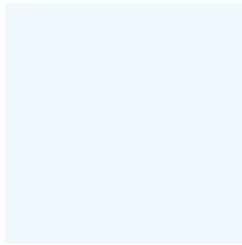
12.5127, 0.4391, 0.2193



1.2393, 0.4220, 0.2099

Previews

White Background



This preview shows how the Yxy color 92.5774, 0.3042, 0.3240 looks on a white background.

Color Contrast Check

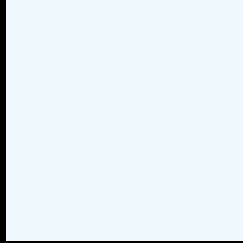
Large Text (above 18pt) WCAG AA × Fail

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 92.5774, 0.3042, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

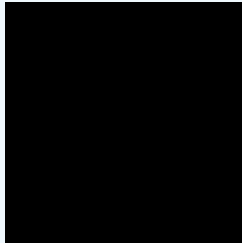
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

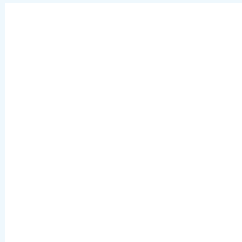
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5774, 0.3042, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 92.5774, 0.3042, 0.3240.

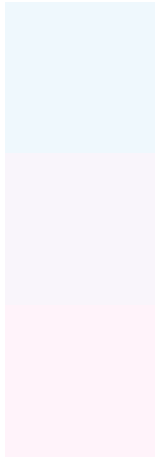


This preview shows how white text looks on a background with the Yxy color 92.5774, 0.3042, 0.3240.

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

92.5774, 0.3042, 0.3240

Protanopia

92.4096, 0.3117, 0.3232

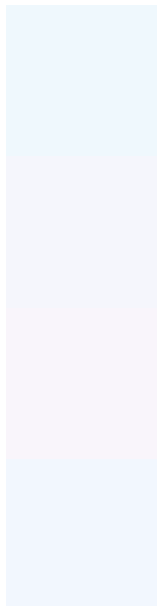
Deuteranopia

92.2633, 0.3163, 0.3223

Tritanopia

92.3646, 0.3062, 0.3202

Trichromacy



Original Color

92.5774, 0.3042, 0.3240

Protanomaly

92.3523, 0.3085, 0.3231

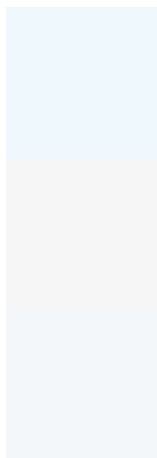
Deuteranomaly

92.4096, 0.3117, 0.3232

Tritanomaly

92.5545, 0.3055, 0.3221

Monochromacy



Original Color

92.5774, 0.3042, 0.3240

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4158, 0.3090, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5774, 0.3042, 0.3240 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(239, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 253)  
}
```

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(239, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 253) }
```

Border

The CSS property to change the border of an element to Yxy 92.5774, 0.3042, 0.3240 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(239, 248, 253) }
```

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

```
.border{ border-color:rgb(239, 248, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5774, 0.3042, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 253) }
```

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

```
.background{ background-color: rgb(239,  
248, 253) }
```

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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