

Converting Colors

Yxy(92.7412, 0.3040, 0.3270)

Have a look what the booklet for
Yxy(92.7412, 0.3040, 0.3270)
contains.

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Color

Yxy(92.7209, 0.3040, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	EDF9FB
RGB	237, 249, 251
RGB Percent	93%, 98%, 98%
CMY	0.0708, 0.0234, 0.0156
CMYK	0.06, 0.01, 0.00, 0.02
HSL	188°, 64%, 96%
HSV	188°, 6%, 98%
XYZ	86.1992, 92.7209, 104.6300
YIQ	245.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

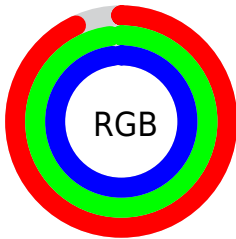
Format	Color
R_{YB}	237, 243, 251
Decimal	15596027
CIE _{Lab}	97.11, -3.58, -2.34
CIE _{LCh}	97, 4.278, 213.105
Yxy	92.7209, 0.3040, 0.3270
Android (android.graphics.Color)	4293786107 (0xFFEDF9FB)
YUV	245.6400, 2.6425, -7.5773
Hunter-Lab	96.2917, -8.7193, 2.9800

Details

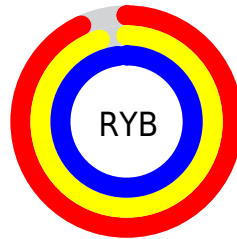
The Yxy color 92.7209, 0.3040, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3149, 0.3220, 0.3310, and the grayscale version is 91.8320, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.9038, 0.3017, 0.3264 is the 20% darker color. If you saturate the color by 10%, you get 86.5286, 0.2888, 0.3232, and if you desaturate by 10%, it is 98.2074, 0.3151, 0.3305.

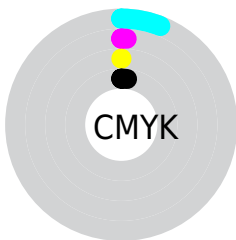
Distribution



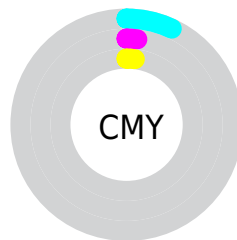
- Red (93%)
- Green (98%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



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




- Cyan (7%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7209, 0.3040, 0.3270 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 92.7209, 0.3040, 0.3270 by changing the saturation by 10% instead.

 92.7209, 0.3040,
0.3270

 92.7209, 0.3040,
0.3270

536.8427, 0.3079,
0.3279

 70.2395, 0.3032,
0.3268

151.1121, 0.3053,
0.3273

 51.7218, 0.3021,
0.3266


187.7908, 0.3058,
0.3274

 36.7834, 0.3009,
0.3262

229.9708, 0.3063,
0.3275

 25.0398, 0.2993,
0.3258

278.0363, 0.3067,
0.3276

 16.1067, 0.2971,
0.3253

332.3719, 0.3070,
0.3277

 9.5997, 0.2942,
0.3246

393.3619, 0.3073,

 5.1344, 0.2900,

0.3278

461.3907, 0.3076,
0.3279

0.3235

■ 2.3263, 0.2833,
0.3217

■ 0.7876, 0.2676,
0.3188

■ 92.7209, 0.3040,
0.3270

■ 92.7209, 0.3040,
0.3270

■ 86.5286, 0.2888,
0.3232

■ 98.2074, 0.3151,
0.3305

■ 80.9533, 0.2742,
0.3190

■ 99.7459, 0.3150,
0.3328

■ 75.9722, 0.2605,
0.3146

■ 71.5560, 0.2482,
0.3099

■ 67.6732, 0.2374,
0.3050

■ 64.2887, 0.2284,
0.2999

■ 61.3630, 0.2213,
0.2949

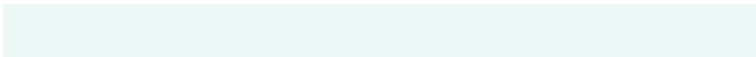
■ 58.8500, 0.2162,
0.2898

■ 56.6925, 0.2129,
0.2848

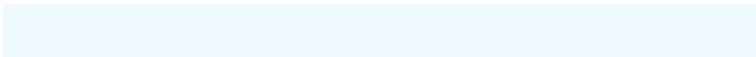
Harmonies

Analogous

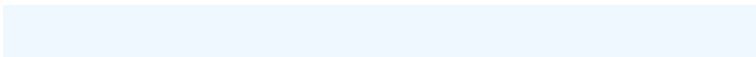
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7209, 0.3067, 0.3313



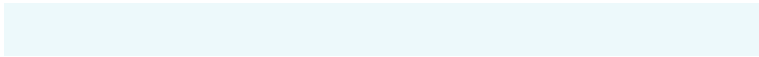
92.7209, 0.3040, 0.3270



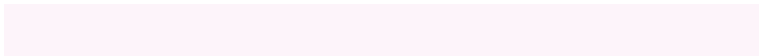
92.7209, 0.3036, 0.3233

Triad

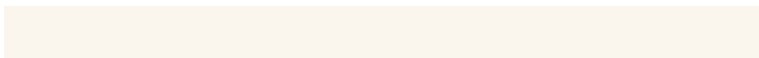
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.7209, 0.3040, 0.3270



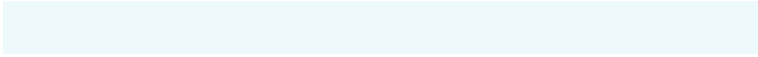
92.7209, 0.3144, 0.3232



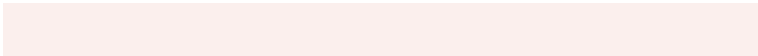
92.7209, 0.3198, 0.3369

Complementary

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



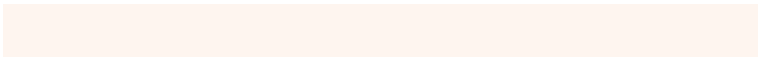
92.7209, 0.3040, 0.3270



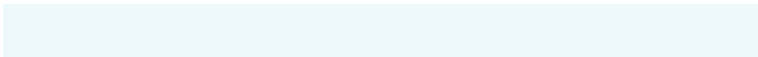
88.3149, 0.3220, 0.3310

Split Complementary

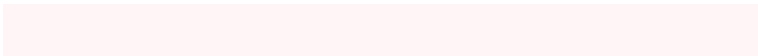
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7209, 0.3219, 0.3347



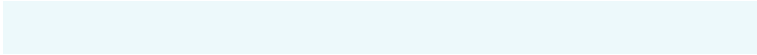
92.7209, 0.3040, 0.3270



92.7209, 0.3188, 0.3267

Square

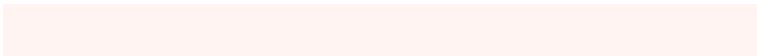
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7209, 0.3040, 0.3270



92.7209, 0.3096, 0.3211



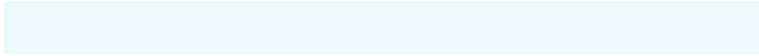
92.7209, 0.3215, 0.3309



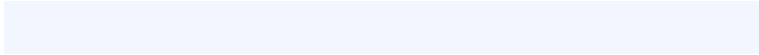
92.7209, 0.3158, 0.3371

Rectangle

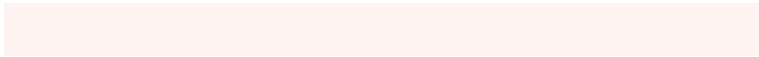
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



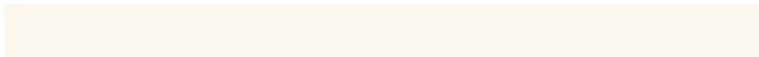
92.7209, 0.3040, 0.3270



92.7209, 0.3048, 0.3216



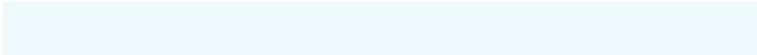
92.7209, 0.3215, 0.3309



92.7209, 0.3207, 0.3364

Sweetspot

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



92.7248, 0.3040, 0.3270



98.5860, 0.3096, 0.3283



93.2178, 0.3110, 0.3412



21.1163, 0.3097, 0.3283



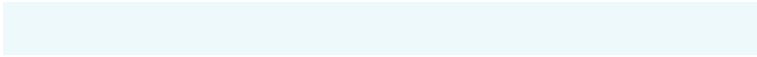
0.0000, 0.0000, 0.0000



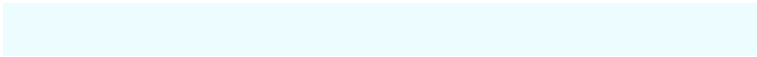
21.4041, 0.3127, 0.3290

Same Dimension

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



92.7248, 0.3040, 0.3270



95.1695, 0.3018, 0.3265



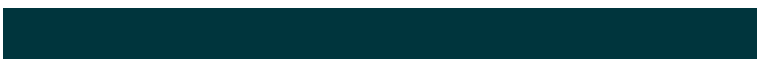
88.5236, 0.3041, 0.3201



19.4203, 0.3009, 0.3263



29.5020, 0.2121, 0.2835



2.8436, 0.2137, 0.2894

Inverse Universe

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



87.8858, 0.3146, 0.3172



88.9737, 0.3151, 0.3142



92.4446, 0.3214, 0.3378



18.0507, 0.3153, 0.3130



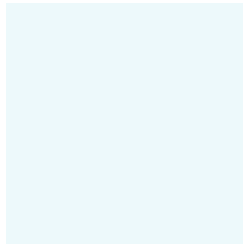
13.3891, 0.3603, 0.1758



1.2513, 0.3549, 0.1728

Previews

White Background



This preview shows how the Yxy color 92.7209, 0.3040, 0.3270 looks on a white background.

Color Contrast Check

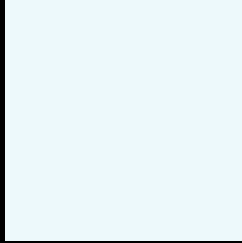
Large Text (above 18pt) WCAG AA × Fail

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 92.7209, 0.3040, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

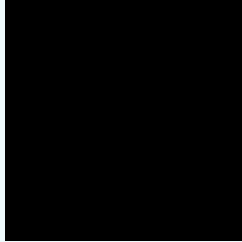
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

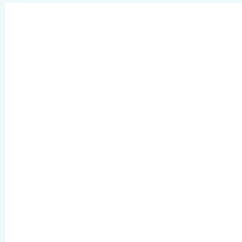
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7209, 0.3040, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 92.7209, 0.3040, 0.3270.

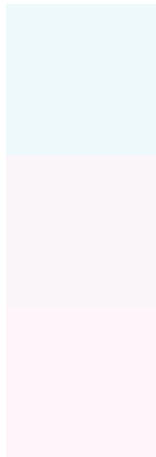


This preview shows how white text looks on a background with the Yxy color 92.7209, 0.3040, 0.3270.

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

92.7209, 0.3040, 0.3270

Protanopia

92.4684, 0.3135, 0.3251

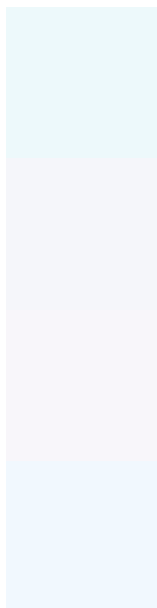
Deuteranopia

92.8009, 0.3168, 0.3242

Tritanopia

92.9746, 0.3061, 0.3212

Trichromacy



Original Color

92.7209, 0.3040, 0.3270

Protanomaly

92.2261, 0.3097, 0.3251

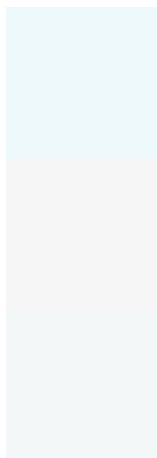
Deuteranomaly

92.7701, 0.3116, 0.3251

Tritanomaly

92.9913, 0.3048, 0.3231

Monochromacy



Original Color

92.7209, 0.3040, 0.3270

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.3535, 0.3096, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7209, 0.3040, 0.3270 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(237, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(237, 249, 251)  
}
```

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(237, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 92.7209, 0.3040, 0.3270 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(237, 249, 251) }
```

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

```
.border{ border-color:rgb(237, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(237, 249,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7209, 0.3040, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 249, 251) }
```

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

```
.background{ background-color: rgb(237,  
249, 251) }
```

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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