

Converting Colors

$Yxy(90.1489, 0.2994, 0.3255)$

Have a look what the booklet for
Yxy(90.1489, 0.2994, 0.3255)
contains.

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Color

Yxy(90.1446, 0.2991, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	E5F7FB
RGB	229, 247, 251
RGB Percent	90%, 97%, 98%
CMY	0.1020, 0.0313, 0.0155
CMYK	0.09, 0.02, 0.00, 0.02
HSL	191°, 74%, 94%
HSV	191°, 9%, 98%
XYZ	82.9863, 90.1446, 104.3225
YIQ	242.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

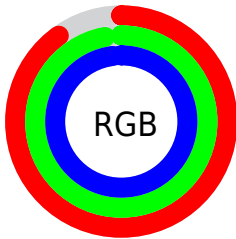
Format	Color
R_{YB}	229, 239, 251
Decimal	15071227
CIE _{Lab}	96.06, -5.12, -3.97
CIE _{LCh}	96, 6.473, 217.791
Y _{xy}	90.1446, 0.2991, 0.3249
Android (android.graphics.Color)	4293261307 (0xFFE5F7FB)
Y _{UV}	242.0740, 4.4005, -11.4659
Hunter-Lab	94.9445, -10.1349, 1.3149

Details

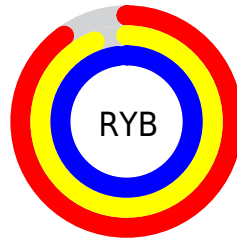
The Yxy color **90.1446, 0.2991, 0.3249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4575, 0.3276, 0.3331**, and the grayscale version is **88.8281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0860, 0.2955, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **83.5418, 0.2839, 0.3198**, and if you desaturate by 10%, it is **97.4211, 0.3146, 0.3295**.

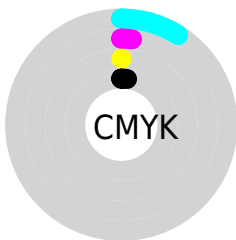
Distribution



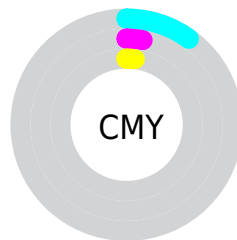
- Red (90%)
- Green (97%)
- Blue (98%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)




- Cyan (10%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1446, 0.2991, 0.3249 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 90.1446, 0.2991, 0.3249 by changing the saturation by 10% instead.

 90.1446, 0.2991,
0.3249

 90.1446, 0.2991,
0.3249

528.5011, 0.3051,
0.3268

 68.1006, 0.2978,
0.3245

147.5392, 0.3012,
0.3255

 49.9796, 0.2962,
0.3240


183.6586, 0.3020,
0.3258

 35.3972, 0.2942,
0.3233

225.2386, 0.3027,
0.3260

 23.9690, 0.2916,
0.3225

272.6636, 0.3033,
0.3262

 15.3106, 0.2883,
0.3214

326.3179, 0.3038,
0.3264

 9.0377, 0.2837,
0.3198

386.5860, 0.3043,

 4.7658, 0.2769,

0.3265

0.3175

453.8523, 0.3048,
0.3266

■ 2.1105, 0.2661,
0.3136

■ 0.6705, 0.2339,
0.3060

■ 90.1446, 0.2991,
0.3249

■ 90.1446, 0.2991,
0.3249

■ 83.5418, 0.2839,
0.3198

■ 97.4211, 0.3146,
0.3295

■ 77.5754, 0.2694,
0.3143

■ 99.7474, 0.3150,
0.3328

■ 72.2212, 0.2557,
0.3084

■ 67.4493, 0.2434,
0.3021

■ 63.2266, 0.2326,
0.2957

■ 59.5166, 0.2236,
0.2890

■ 56.2776, 0.2166,
0.2823

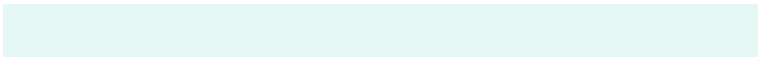
■ 53.4605, 0.2115,
0.2757

■ 50.9938, 0.2082,
0.2691

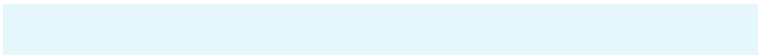
Harmonies

Analogous

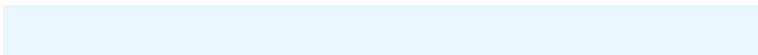
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1446, 0.3027, 0.3315



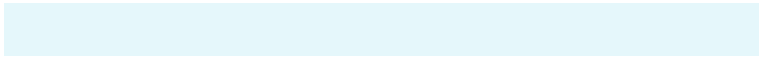
90.1446, 0.2991, 0.3249



90.1446, 0.2991, 0.3195

Triad

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



90.1446, 0.2991, 0.3249



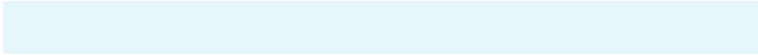
90.1446, 0.3164, 0.3208



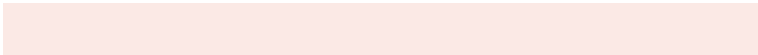
90.1446, 0.3227, 0.3414

Complementary

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



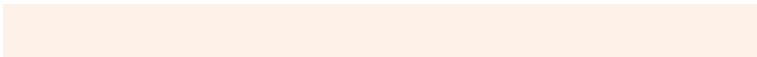
90.1446, 0.2991, 0.3249



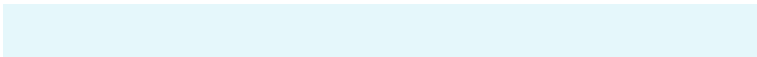
84.4575, 0.3276, 0.3331

Split Complementary

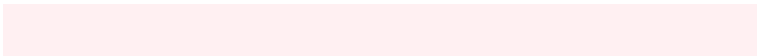
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1446, 0.3265, 0.3383



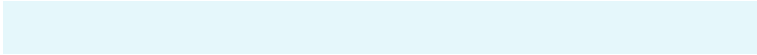
90.1446, 0.2991, 0.3249



90.1446, 0.3228, 0.3265

Square

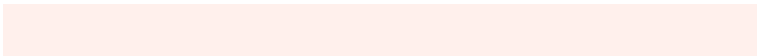
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.1446, 0.2991, 0.3249



90.1446, 0.3091, 0.3173



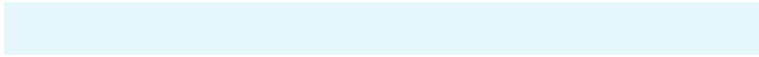
90.1446, 0.3265, 0.3329



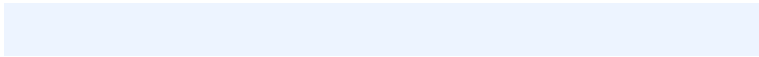
90.1446, 0.3163, 0.3411

Rectangle

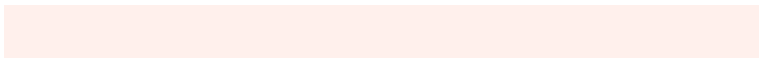
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.1446, 0.2991, 0.3249



90.1446, 0.3012, 0.3174



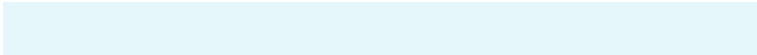
90.1446, 0.3265, 0.3329



90.1446, 0.3243, 0.3407

Sweetspot

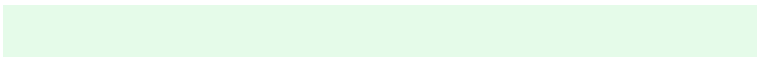
The Sweet Spot groups the original color and five complimentary colors.



90.1484, 0.2991, 0.3249



97.6891, 0.3080, 0.3276



91.5367, 0.3095, 0.3478



20.7796, 0.3068, 0.3273



0.0000, 0.0000, 0.0000



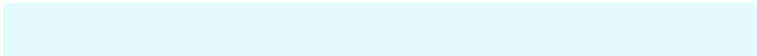
21.4041, 0.3127, 0.3290

Same Dimension

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



90.1484, 0.2991, 0.3249



91.8356, 0.2957, 0.3238



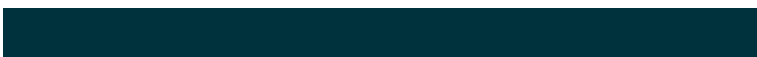
83.8059, 0.2991, 0.3140



19.0374, 0.2980, 0.3246



26.8433, 0.2082, 0.2694



2.6216, 0.2104, 0.2773

Inverse Universe

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



83.2608, 0.3163, 0.3113



83.0650, 0.3173, 0.3067



90.6849, 0.3265, 0.3436



17.4669, 0.3166, 0.3098



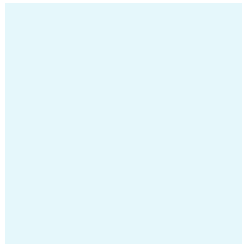
13.1208, 0.3734, 0.1831



1.2289, 0.3660, 0.1790

Previews

White Background



This preview shows how the Yxy color 90.1446, 0.2991, 0.3249 looks on a white background.

Color Contrast Check

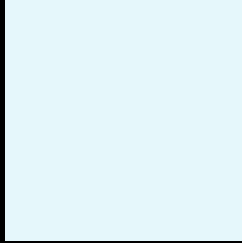
Large Text (above 18pt) WCAG AA × Fail

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 90.1446, 0.2991, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

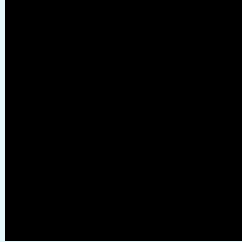
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

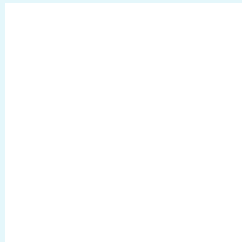
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1446, 0.2991, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 90.1446, 0.2991, 0.3249.

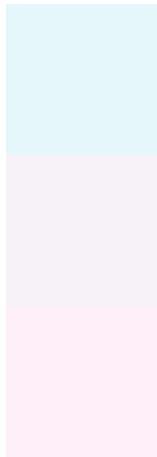


This preview shows how white text looks on a background with the Yxy color 90.1446, 0.2991, 0.3249.

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

90.1446, 0.2991, 0.3249

Protanopia

89.8744, 0.3117, 0.3231

Deuteranopia

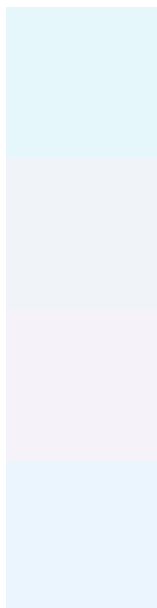
89.8326, 0.3171, 0.3193



Tritanopia

89.9259, 0.3018, 0.3181

Trichromacy



Original Color

90.1446, 0.2991, 0.3249

Protanomaly

90.0662, 0.3072, 0.3240

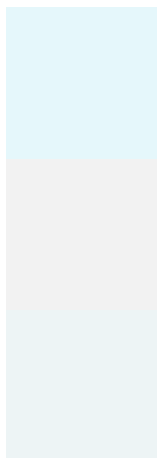
Deuteranomaly

89.9992, 0.3105, 0.3211

Tritanomaly

89.9530, 0.3005, 0.3200

Monochromacy



Original Color

90.1446, 0.2991, 0.3249

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.2985, 0.3076, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1446, 0.2991, 0.3249 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(229, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 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(229, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 251) }
```

Border

The CSS property to change the border of an element to Yxy 90.1446, 0.2991, 0.3249 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(229, 247, 251) }
```

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

```
.border{ border-color:rgb(229, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1446, 0.2991, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 251) }
```

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

```
.background{ background-color: rgb(229,  
247, 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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