

Converting Colors

Yxy(91.6994, 0.3010, 0.3242)

Have a look what the booklet for
Yxy(91.6994, 0.3010, 0.3242)
contains.

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Color

Yxy(91.7191, 0.3011, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	EAFF8FD
RGB	234, 248, 253
RGB Percent	92%, 97%, 99%
CMY	0.0822, 0.0275, 0.0079
CMYK	0.07, 0.02, 0.00, 0.01
HSL	196°, 82%, 95%
HSV	196°, 7%, 99%
XYZ	85.2365, 91.7191, 106.1281
YIQ	244.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

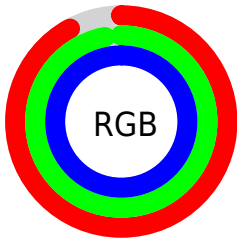
Format	Color
R_{YB}	234, 242, 253
Decimal	15399165
CIE _{Lab}	96.71, -3.63, -3.98
CIE _{LCh}	97, 5.386, 227.626
Y _{xy}	91.7191, 0.3011, 0.3240
Android (android.graphics.Color)	4293589245 (0xFFEAF8FD)
YUV	244.3840, 4.2477, -9.1068
Hunter-Lab	95.7701, -8.7306, 1.3366

Details

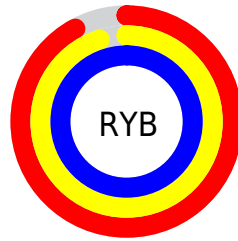
The Yxy color **91.7191, 0.3011, 0.3240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5754, 0.3251, 0.3339**, and the grayscale version is **90.7683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1498, 0.2987, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **83.7157, 0.2857, 0.3167**, and if you desaturate by 10%, it is **99.6552, 0.3139, 0.3306**.

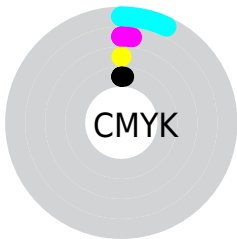
Distribution



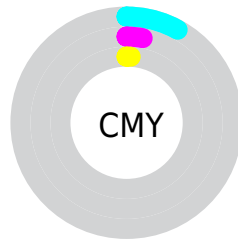
- Red (92%)
- Green (97%)
- Blue (99%)



- Red (92%)
- Yellow (95%)
- Blue (99%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (8%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.7191, 0.3011, 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 91.7191, 0.3011, 0.3240 by changing the saturation by 10% instead.

 91.7191, 0.3011,
0.3240

 91.7191, 0.3011,
0.3240

533.6073, 0.3062,
0.3263

 69.4073, 0.3000,
0.3235


149.7240, 0.3028,
0.3248

 51.0435, 0.2986,
0.3229

186.1860, 0.3035,
0.3251

 36.2432, 0.2969,
0.3221


228.1334, 0.3041,
0.3253

 24.6221, 0.2948,
0.3212

275.9508, 0.3047,
0.3256

 15.7957, 0.2919,
0.3199

330.0225, 0.3051,
0.3258

 9.3797, 0.2881,
0.3181

390.7328, 0.3055,

 4.9897, 0.2824,

0.3259

0.3154

458.4663, 0.3059,
0.3261

■ 2.2412, 0.2734,
0.3111

■ 0.7423, 0.2517,
0.3029

■ 91.7191, 0.3011,
0.3240

■ 91.7191, 0.3011,
0.3240

■ 83.7157, 0.2857,
0.3167

99.6552, 0.3139,
0.3306

■ 76.4385, 0.2705,
0.3088

99.8711, 0.3139,
0.3309

■ 69.8623, 0.2561,
0.3002

■ 63.9557, 0.2427,
0.2911

■ 58.6844, 0.2306,
0.2815

■ 54.0108, 0.2202,
0.2716

■ 49.8919, 0.2117,
0.2616

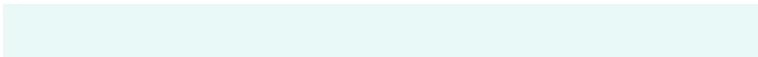
■ 46.2778, 0.2053,
0.2517

■ 43.1032, 0.2008,
0.2418

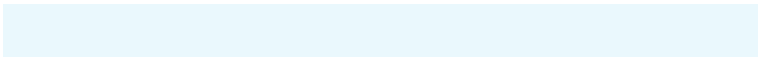
Harmonies

Analogous

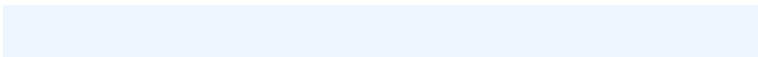
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7191, 0.3031, 0.3293



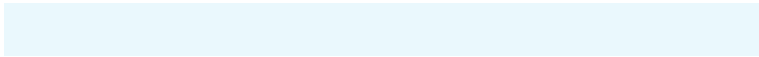
91.7191, 0.3011, 0.3240



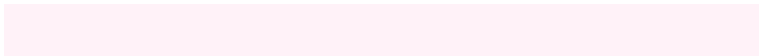
91.7191, 0.3021, 0.3202

Triad

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



91.7191, 0.3011, 0.3240



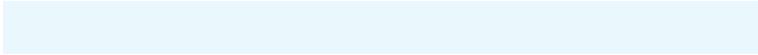
91.7191, 0.3177, 0.3236



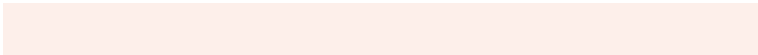
91.7191, 0.3194, 0.3395

Complementary

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



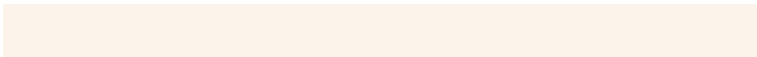
91.7191, 0.3011, 0.3240



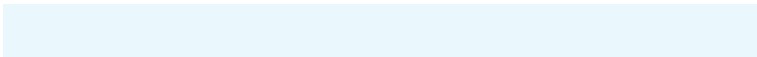
88.5754, 0.3251, 0.3339

Split Complementary

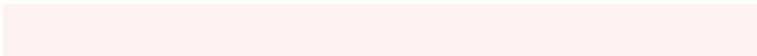
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7191, 0.3234, 0.3378



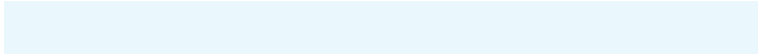
91.7191, 0.3011, 0.3240



91.7191, 0.3224, 0.3287

Square

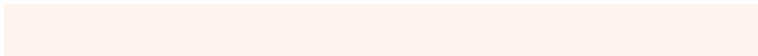
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.7191, 0.3011, 0.3240



91.7191, 0.3117, 0.3200



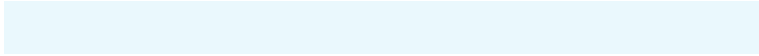
91.7191, 0.3245, 0.3339



91.7191, 0.3137, 0.3383

Rectangle

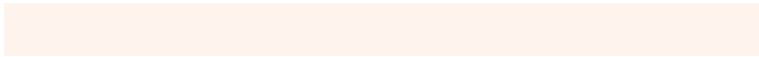
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.7191, 0.3011, 0.3240



91.7191, 0.3044, 0.3189



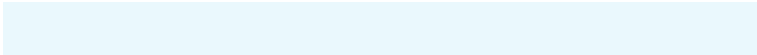
91.7191, 0.3245, 0.3339



91.7191, 0.3210, 0.3392

Sweetspot

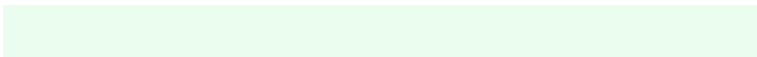
The Sweet Spot groups the original color and five complimentary colors.



91.7230, 0.3011, 0.3240



98.1912, 0.3096, 0.3277



93.9611, 0.3091, 0.3432



21.0360, 0.3098, 0.3278



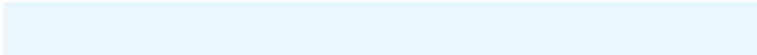
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.7230, 0.3011, 0.3240



92.1070, 0.2988, 0.3229



86.1934, 0.3011, 0.3147



19.6240, 0.2980, 0.3226



22.7825, 0.2003, 0.2409



2.3967, 0.2034, 0.2522

Inverse Universe

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



86.5265, 0.3167, 0.3154



85.8380, 0.3176, 0.3126



94.1126, 0.3243, 0.3429



18.2138, 0.3179, 0.3117



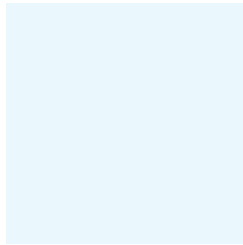
13.0279, 0.4013, 0.1985



1.2865, 0.3901, 0.1922

Previews

White Background



This preview shows how the Yxy color 91.7191, 0.3011, 0.3240 looks on a white background.

Color Contrast Check

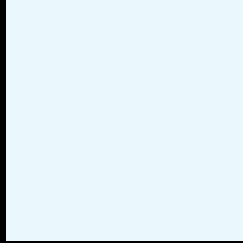
Large Text (above 18pt) WCAG AA × Fail

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 91.7191, 0.3011, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

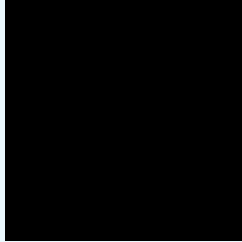
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

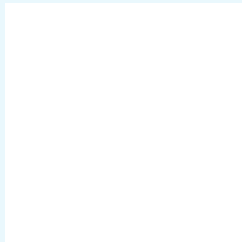
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7191, 0.3011, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 91.7191, 0.3011, 0.3240.

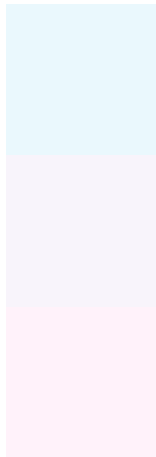


This preview shows how white text looks on a background with the Yxy color 91.7191, 0.3011, 0.3240.

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

91.7191, 0.3011, 0.3240

Protanopia

91.6229, 0.3111, 0.3222

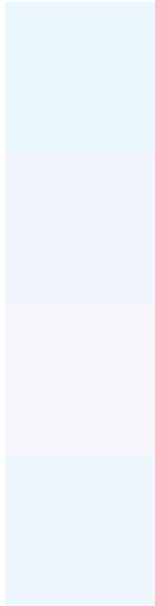
Deuteranopia

91.6664, 0.3163, 0.3213

Tritanopia

91.8323, 0.3043, 0.3201

Trichromacy



Original Color

91.7191, 0.3011, 0.3240

Protanomaly

91.3878, 0.3073, 0.3221

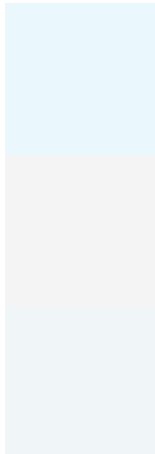
Deuteranomaly

91.4406, 0.3105, 0.3222

Tritanomaly

91.8544, 0.3030, 0.3221

Monochromacy



Original Color

91.7191, 0.3011, 0.3240

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5455, 0.3083, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7191, 0.3011, 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(234, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 248, 253) }
```

Border

The CSS property to change the border of an element to Yxy 91.7191, 0.3011, 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(234, 248, 253) }
```

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

```
.border{ border-color:rgb(234, 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(234, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 248, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 248, 253); box-shadow:4px 4px 4px 4px rgb(234, 248, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7191, 0.3011, 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(234, 248, 253) }
```

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

```
.background{ background-color: rgb(234,  
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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