

Converting Colors

Yxy(91.5840, 0.3022, 0.3260)

Have a look what the booklet for
Yxy(91.5840, 0.3022, 0.3260)
contains.

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Color

Yxy(91.5923, 0.3022, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	EAFF8B
RGB	234, 248, 251
RGB Percent	92%, 97%, 98%
CMY	0.0824, 0.0274, 0.0157
CMYK	0.07, 0.01, 0.00, 0.02
HSL	191°, 68%, 95%
HSV	191°, 7%, 98%
XYZ	84.9055, 91.5923, 104.4602
YIQ	244.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

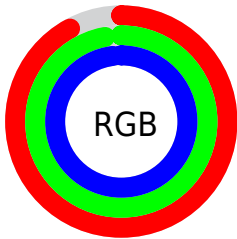
Format	Color
R _Y B	234, 242, 251
Decimal	15399163
CIE Lab	96.65, -4.03, -3.02
CIE LCh	97, 5.040, 216.880
Yxy	91.5923, 0.3022, 0.3260
Android (android.graphics.Color)	4293589243 (0xFFEAF8FB)
YUV	244.1560, 3.3741, -8.9068
Hunter-Lab	95.7039, -9.1221, 2.2780

Details

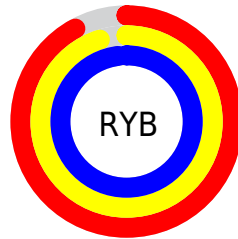
The Yxy color **91.5923, 0.3022, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.9918, 0.3240, 0.3320**, and the grayscale version is **90.5763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1044, 0.2994, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **84.9750, 0.2869, 0.3212**, and if you desaturate by 10%, it is **98.1001, 0.3152, 0.3304**.

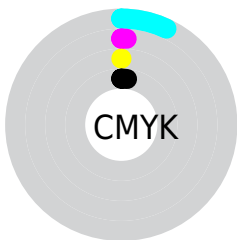
Distribution



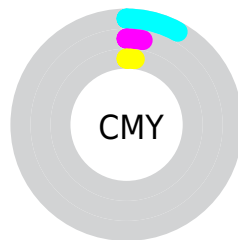
- Red (92%)
- Green (97%)
- Blue (98%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



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





- Cyan (8%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5923, 0.3022, 0.3260 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 91.5923, 0.3022, 0.3260 by changing the saturation by 10% instead.

 91.5923, 0.3022,
0.3260

 91.5923, 0.3022,
0.3260


533.1970, 0.3069,
0.3274

 69.3020, 0.3012,
0.3257


149.5482, 0.3038,
0.3265

 50.9577, 0.2999,
0.3253


185.9826, 0.3044,
0.3266

 36.1750, 0.2984,
0.3249


227.9006, 0.3049,
0.3268

 24.5694, 0.2965,
0.3243


275.6865, 0.3054,
0.3269

 15.7565, 0.2939,
0.3235

329.7247, 0.3058,
0.3271

 9.3520, 0.2904,
0.3224

390.3996, 0.3062,

 4.9715, 0.2852,

0.3272

0.3207

458.0956, 0.3066,
0.3273

■ 2.2305, 0.2770,
0.3180

■ 0.7366, 0.2558,
0.3131

■ 91.5923, 0.3022,
0.3260

■ 91.5923, 0.3022,
0.3260

■ 84.9750, 0.2869,
0.3212

■ 98.1001, 0.3152,
0.3304

■ 78.9933, 0.2723,
0.3160

■ 99.7443, 0.3150,
0.3328

■ 73.6239, 0.2585,
0.3104

■ 68.8371, 0.2459,
0.3045

■ 64.6007, 0.2349,
0.2984

■ 60.8791, 0.2257,
0.2921

■ 57.6319, 0.2184,
0.2857

■ 54.8118, 0.2130,
0.2793

■ 52.3590, 0.2095,
0.2730

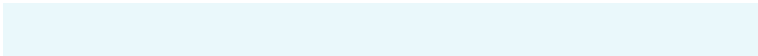
Harmonies

Analogous

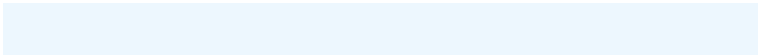
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5923, 0.3051, 0.3311



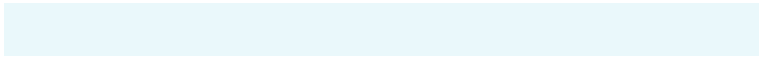
91.5923, 0.3022, 0.3260



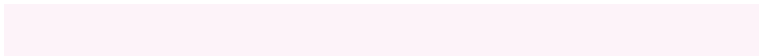
91.5923, 0.3021, 0.3218

Triad

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



91.5923, 0.3022, 0.3260



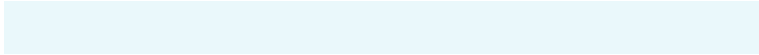
91.5923, 0.3154, 0.3225



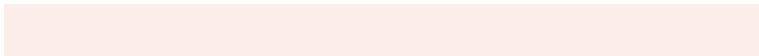
91.5923, 0.3206, 0.3386

Complementary

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



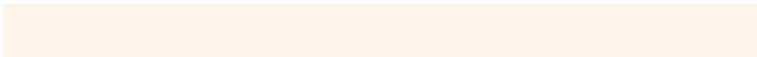
91.5923, 0.3022, 0.3260



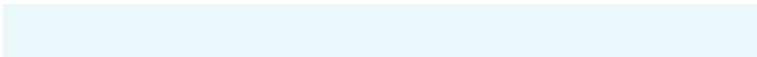
86.9918, 0.3240, 0.3320

Split Complementary

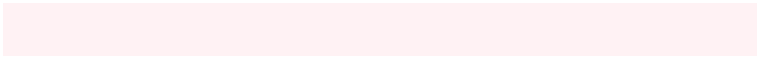
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5923, 0.3234, 0.3361



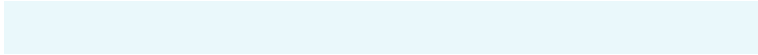
91.5923, 0.3022, 0.3260



91.5923, 0.3204, 0.3269

Square

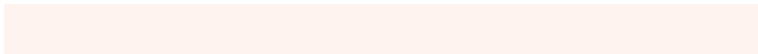
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.5923, 0.3022, 0.3260



91.5923, 0.3097, 0.3199



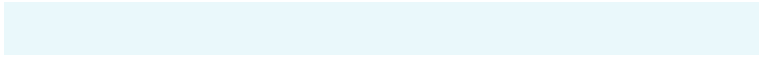
91.5923, 0.3234, 0.3319



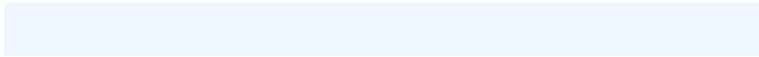
91.5923, 0.3156, 0.3384

Rectangle

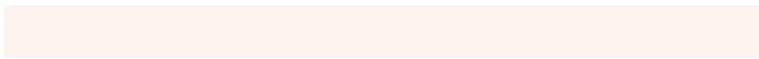
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.5923, 0.3022, 0.3260



91.5923, 0.3037, 0.3200



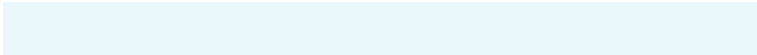
91.5923, 0.3234, 0.3319



91.5923, 0.3218, 0.3380

Sweetspot

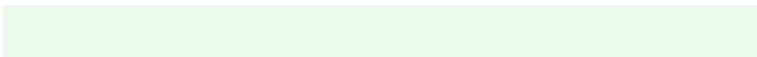
The Sweet Spot groups the original color and five complimentary colors.



91.5962, 0.3022, 0.3260



98.4773, 0.3096, 0.3281



92.5807, 0.3103, 0.3433



21.0942, 0.3098, 0.3282



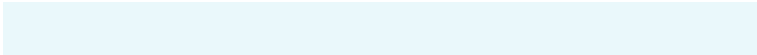
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.5962, 0.3022, 0.3260



94.0770, 0.3003, 0.3254



86.5692, 0.3023, 0.3176



19.0612, 0.2980, 0.3247



27.3274, 0.2089, 0.2720



2.6622, 0.2110, 0.2796

Inverse Universe

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



86.1213, 0.3154, 0.3153



87.4400, 0.3159, 0.3127



91.9455, 0.3233, 0.3402



17.4693, 0.3165, 0.3097



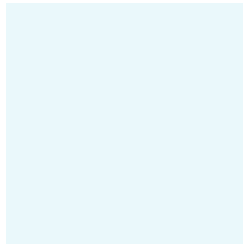
13.1696, 0.3709, 0.1817



1.2330, 0.3639, 0.1778

Previews

White Background



This preview shows how the Yxy color 91.5923, 0.3022, 0.3260 looks on a white background.

Color Contrast Check

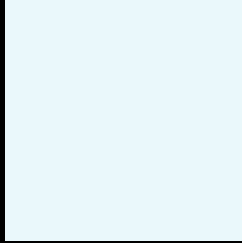
Large Text (above 18pt) WCAG AA × Fail

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 91.5923, 0.3022, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

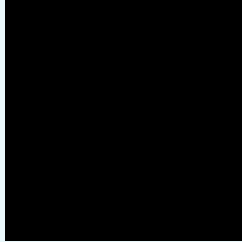
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

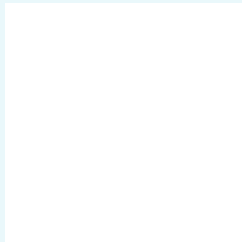
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5923, 0.3022, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 91.5923, 0.3022, 0.3260.

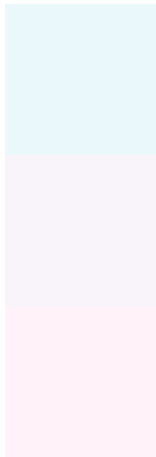


This preview shows how white text looks on a background with the Yxy color 91.5923, 0.3022, 0.3260.

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

91.5923, 0.3022, 0.3260

Protanopia

91.4974, 0.3123, 0.3241

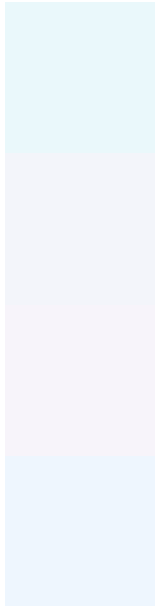
Deuteranopia

91.6038, 0.3169, 0.3223

Tritanopia

91.2256, 0.3043, 0.3192

Trichromacy



Original Color

91.5923, 0.3022, 0.3260

Protanomaly

91.2616, 0.3085, 0.3241

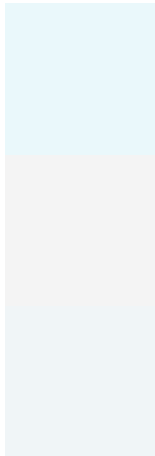
Deuteranomaly

91.3777, 0.3111, 0.3231

Tritanomaly

91.2444, 0.3030, 0.3211

Monochromacy



Original Color

91.5923, 0.3022, 0.3260

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 91.5923, 0.3022, 0.3260 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 248, 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(234, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 248, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.5923, 0.3022, 0.3260 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, 251) }
```

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

```
.border{ border-color:rgb(234, 248, 251) }
```

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, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(234, 248,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5923, 0.3022, 0.3260 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, 251) }
```

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

```
.background{ background-color: rgb(234,  
248, 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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