

Converting Colors

Yxy(91.5262, 0.2985, 0.3290)

Have a look what the booklet for
Yxy(91.5262, 0.2985, 0.3290)
contains.

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Color

Yxy(91.6042, 0.2985, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	E3FAFA
RGB	227, 250, 250
RGB Percent	89%, 98%, 98%
CMY	0.1099, 0.0196, 0.0197
CMYK	0.09, 0.00, 0.00, 0.02
HSL	180°, 70%, 94%
HSV	180°, 9%, 98%
XYZ	83.1120, 91.6042, 103.7160
YIQ	243.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

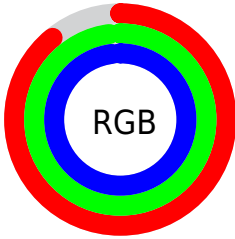
Format	Color
R_{YB}	227, 239, 250
Decimal	14940922
CIE _{Lab}	96.66, -7.47, -2.55
CIE _{LCh}	97, 7.889, 198.831
Y _{xy}	91.6042, 0.2985, 0.3290
Android (android.graphics.Color)	4293131002 (0xFFE3FAFA)
YUV	243.1230, 3.3904, -14.1399
Hunter-Lab	95.7101, -12.4881, 2.7476

Details

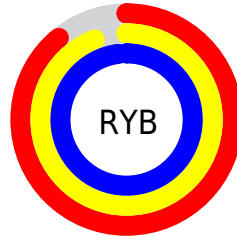
The Yxy color **91.6042, 0.2985, 0.3290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.8058, 0.3288, 0.3290**, and the grayscale version is **89.7109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1365, 0.2948, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **87.8308, 0.2839, 0.3290**, and if you desaturate by 10%, it is **95.9755, 0.3140, 0.3290**.

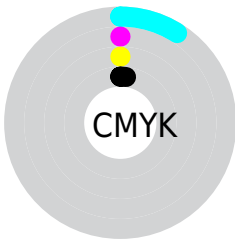
Distribution



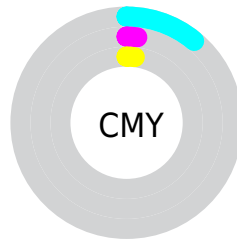
- Red (89%)
- Green (98%)
- Blue (98%)



- Red (89%)
- Yellow (94%)
- Blue (98%)



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




- Cyan (11%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6042, 0.2985, 0.3290 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 91.6042, 0.2985, 0.3290 by changing the saturation by 10% instead.

 91.6042, 0.2985,
0.3290

 91.6042, 0.2985,
0.3290


533.2355, 0.3048,
0.3290

 69.3119, 0.2971,
0.3290

149.5647, 0.3006,
0.3290

 50.9658, 0.2955,
0.3290


186.0017, 0.3015,
0.3290

 36.1814, 0.2934,
0.3289


227.9225, 0.3022,
0.3290

 24.5743, 0.2908,
0.3289

275.7113, 0.3029,
0.3290

 15.7602, 0.2873,
0.3288

329.7526, 0.3034,
0.3290

 9.3546, 0.2825,
0.3286


390.4309, 0.3039,


 4.9732, 0.2756,

0.3290


458.1304, 0.3044,
0.3290


0.3284


 2.2315, 0.2646,
0.3278


 0.7371, 0.2318,
0.3296


 91.6042, 0.2985,
0.3290

 91.6042, 0.2985,
0.3290


 87.8308, 0.2839,
0.3290

 95.9755, 0.3140,
0.3290


 84.6185, 0.2704,
0.3290

 96.5451, 0.3158,
0.3290


 81.9440, 0.2585,
0.3291

 96.5481, 0.3158,
0.3289

 79.7778, 0.2482,
0.3291


 96.5511, 0.3158,
0.3289


 78.0878, 0.2397,
0.3291


 96.5541, 0.3158,
0.3288


 76.8381, 0.2333,
0.3292


 96.5571, 0.3157,
0.3288

 75.9876, 0.2288,
0.3292

 96.5601, 0.3157,
0.3287

 75.4878, 0.2261,
0.3293

 96.5631, 0.3157,
0.3287

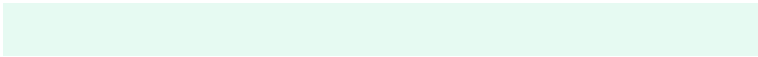
 75.2649, 0.2249,
0.3293

 96.5661, 0.3156,
0.3286

Harmonies

Analogous

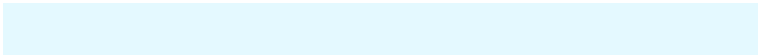
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6042, 0.3051, 0.3368



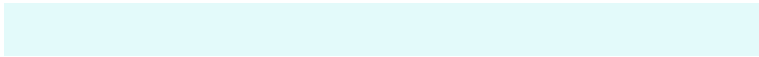
91.6042, 0.2985, 0.3290



91.6042, 0.2957, 0.3213

Triad

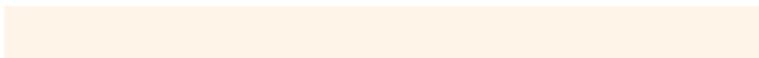
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6042, 0.2985, 0.3290



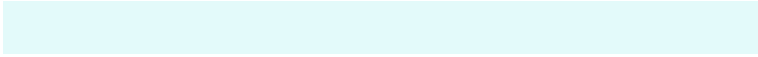
91.6042, 0.3115, 0.3160



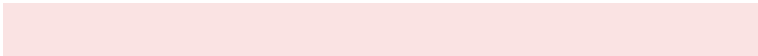
91.6042, 0.3282, 0.3421

Complementary

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



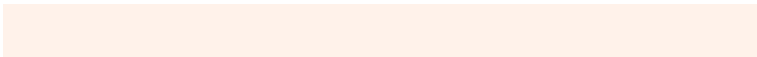
91.6042, 0.2985, 0.3290



80.8058, 0.3288, 0.3290

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.



91.6042, 0.3300, 0.3363



91.6042, 0.2985, 0.3290



91.6042, 0.3203, 0.3214

Square

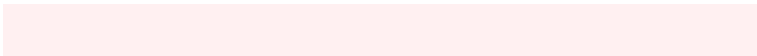
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



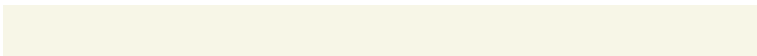
91.6042, 0.2985, 0.3290



91.6042, 0.3032, 0.3140



91.6042, 0.3271, 0.3288



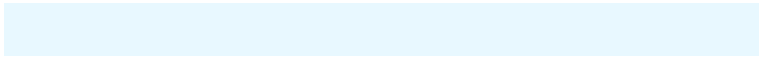
91.6042, 0.3222, 0.3444

Rectangle

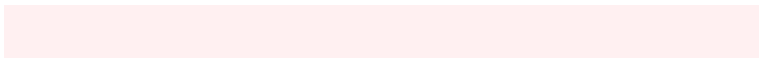
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



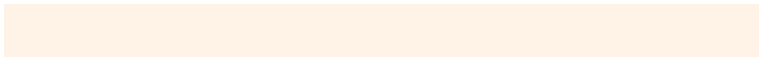
91.6042, 0.2985, 0.3290



91.6042, 0.2964, 0.3173



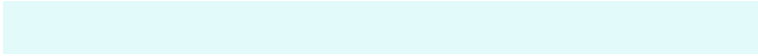
91.6042, 0.3271, 0.3288



91.6042, 0.3293, 0.3405

Sweetspot

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



91.6080, 0.2985, 0.3290



98.5769, 0.3080, 0.3290



90.3158, 0.3118, 0.3527



21.0202, 0.3068, 0.3290



0.0000, 0.0000, 0.0000



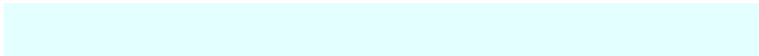
21.4041, 0.3127, 0.3290

Same Dimension

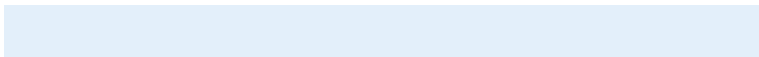
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6080, 0.2985, 0.3290



95.0593, 0.2958, 0.3290



84.8970, 0.2984, 0.3176



19.6080, 0.2981, 0.3290



39.9117, 0.2248, 0.3293



3.6967, 0.2248, 0.3292

Inverse Universe

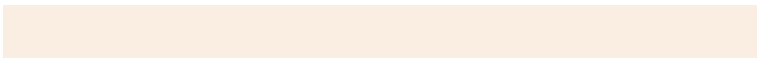
The Inverse Universe completely reimagines the original color for something new.



80.8058, 0.3288, 0.3290



81.7171, 0.3324, 0.3290



87.0886, 0.3277, 0.3401



17.2258, 0.3294, 0.3290



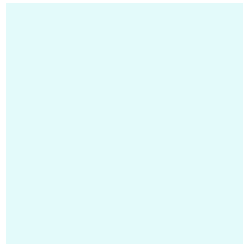
10.7813, 0.6399, 0.3299



0.9987, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 91.6042, 0.2985, 0.3290 looks on a white background.

Color Contrast Check

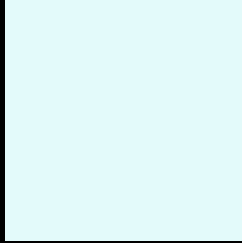
Large Text (above 18pt) WCAG AA × Fail

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 91.6042, 0.2985, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

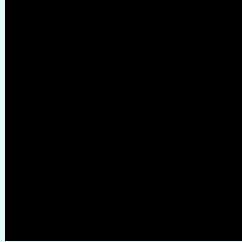
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

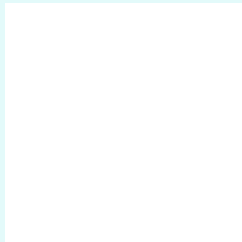
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6042, 0.2985, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 91.6042, 0.2985, 0.3290.

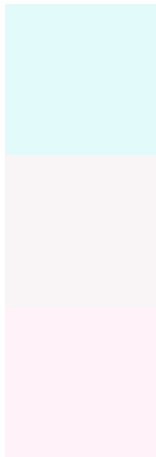


This preview shows how white text looks on a background with the Yxy color 91.6042, 0.2985, 0.3290.

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

91.6042, 0.2985, 0.3290

Protanopia

91.4949, 0.3147, 0.3271

Deuteranopia

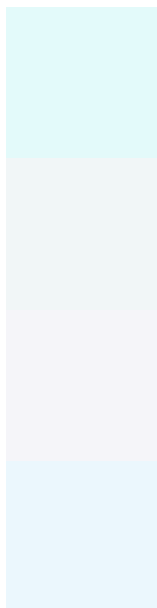
91.6038, 0.3169, 0.3223



Tritanopia

91.4823, 0.3030, 0.3201

Trichromacy



Original Color

91.6042, 0.2985, 0.3290

Protanomaly

91.3277, 0.3089, 0.3280

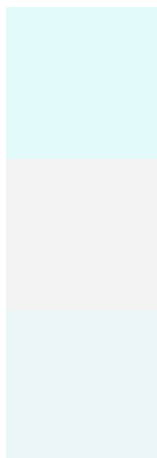
Deuteranomaly

91.5568, 0.3103, 0.3251

Tritanomaly

91.2755, 0.3017, 0.3230

Monochromacy



Original Color

91.6042, 0.2985, 0.3290

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.5699, 0.3070, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6042, 0.2985, 0.3290 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(227, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 250, 250)  
}
```

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(227, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 250, 250) }
```

Border

The CSS property to change the border of an element to Yxy 91.6042, 0.2985, 0.3290 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(227, 250, 250) }
```

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

```
.border{ border-color:rgb(227, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 250,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6042, 0.2985, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 250, 250) }
```

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

```
.background{ background-color: rgb(227,  
250, 250) }
```

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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