

Converting Colors

$Yxy(90.5203, 0.2994, 0.3286)$

Have a look what the booklet for
Yxy(90.5203, 0.2994, 0.3286)
contains.

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Color

Yxy(90.3052, 0.2990, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E3F8F9
RGB	227, 248, 249
RGB Percent	89%, 97%, 98%
CMY	0.1099, 0.0274, 0.0233
CMYK	0.09, 0.00, 0.00, 0.02
HSL	183°, 65%, 93%
HSV	183°, 9%, 98%
XYZ	82.3460, 90.3052, 102.7535
YIQ	241.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

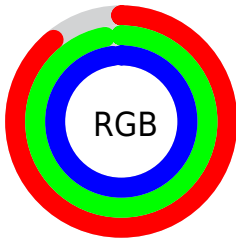
Format	Color
R _Y B	227, 238, 249
Decimal	14940409
CIE Lab	96.12, -6.63, -2.86
CIE LCh	96, 7.224, 203.310
Yxy	90.3052, 0.2990, 0.3279
Android (android.graphics.Color)	4293130489 (0xFFE3F8F9)
YUV	241.8350, 3.5323, -13.0103
Hunter-Lab	95.0290, -11.6243, 2.4109

Details

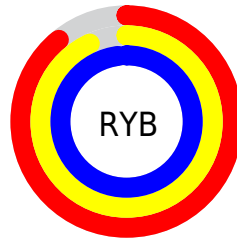
The Yxy color **90.3052, 0.2990, 0.3279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1952, 0.3281, 0.3301**, and the grayscale version is **88.6371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3202, 0.2962, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **85.8254, 0.2842, 0.3266**, and if you desaturate by 10%, it is **95.3829, 0.3145, 0.3291**.

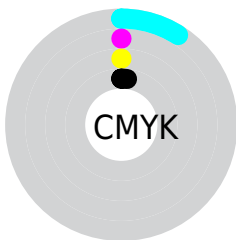
Distribution



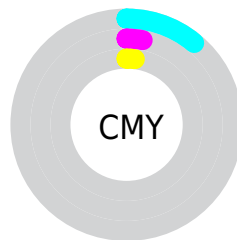
- Red (89%)
- Green (97%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



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





- Cyan (11%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3052, 0.2990, 0.3279 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 90.3052, 0.2990, 0.3279 by changing the saturation by 10% instead.

 90.3052, 0.2990,
0.3279

 90.3052, 0.2990,
0.3279


529.0232, 0.3051,
0.3284

 68.2338, 0.2977,
0.3278


147.7623, 0.3011,
0.3281

 50.0880, 0.2960,
0.3276


183.9167, 0.3019,
0.3282

 35.4833, 0.2940,
0.3274


225.5343, 0.3026,
0.3282

 24.0354, 0.2915,
0.3272

272.9994, 0.3032,
0.3283

 15.3599, 0.2881,
0.3268

326.6965, 0.3038,
0.3283

 9.0724, 0.2835,
0.3263

387.0099, 0.3043,

 4.7884, 0.2767,

0.3284

454.3239, 0.3047,
0.3284

0.3255

■ 2.1237, 0.2658,
0.3240

■ 0.6779, 0.2299,
0.3231

■ 90.3052, 0.2990,
0.3279

■ 90.3052, 0.2990,
0.3279

■ 85.8254, 0.2842,
0.3266

■ 95.3829, 0.3145,
0.3291

■ 81.9070, 0.2704,
0.3251

■ 96.7009, 0.3164,
0.3303

■ 78.5271, 0.2580,
0.3236

■ 97.4376, 0.3164,
0.3314

■ 75.6565, 0.2471,
0.3221

■ 98.1789, 0.3163,
0.3325

■ 73.2634, 0.2380,
0.3205

■ 98.9247, 0.3162,
0.3336

■ 71.3125, 0.2309,
0.3188

■ 99.6227, 0.3162,
0.3347

■ 69.7633, 0.2257,
0.3172

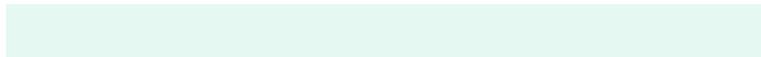
■ 68.5680, 0.2224,
0.3156

■ 67.6564, 0.2207,
0.3141

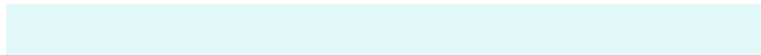
Harmonies

Analogous

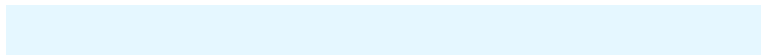
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3052, 0.3046, 0.3352



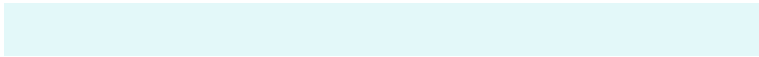
90.3052, 0.2990, 0.3279



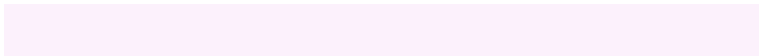
90.3052, 0.2970, 0.3210

Triad

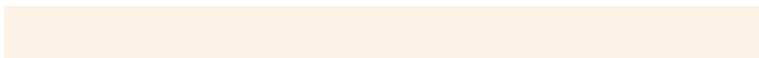
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3052, 0.2990, 0.3279



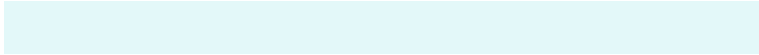
90.3052, 0.3129, 0.3176



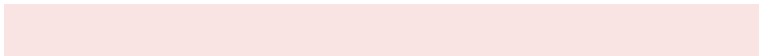
90.3052, 0.3264, 0.3416

Complementary

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



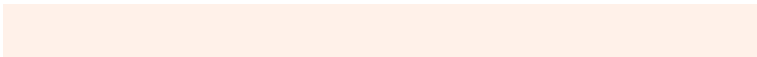
90.3052, 0.2990, 0.3279



81.1952, 0.3281, 0.3301

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.



90.3052, 0.3287, 0.3367



90.3052, 0.2990, 0.3279



90.3052, 0.3208, 0.3229

Square

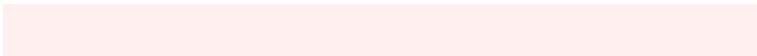
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.3052, 0.2990, 0.3279



90.3052, 0.3050, 0.3152



90.3052, 0.3266, 0.3299



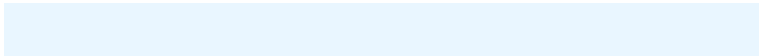
90.3052, 0.3204, 0.3431

Rectangle

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



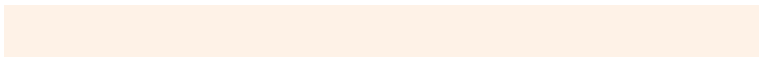
90.3052, 0.2990, 0.3279



90.3052, 0.2980, 0.3176



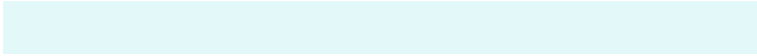
90.3052, 0.3266, 0.3299



90.3052, 0.3276, 0.3403

Sweetspot

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



90.3090, 0.2990, 0.3279



98.3469, 0.3080, 0.3286



89.6964, 0.3112, 0.3510



20.9578, 0.3068, 0.3285



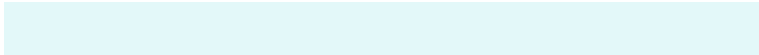
0.0000, 0.0000, 0.0000



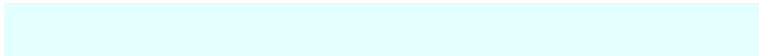
21.4041, 0.3127, 0.3290

Same Dimension

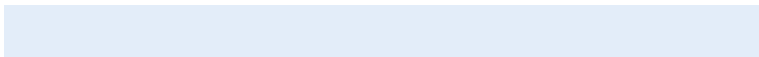
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3090, 0.2990, 0.3279



94.2182, 0.2957, 0.3276



83.9013, 0.2990, 0.3169



19.4593, 0.2980, 0.3278



36.2085, 0.2206, 0.3142



3.3957, 0.2211, 0.3160

Inverse Universe

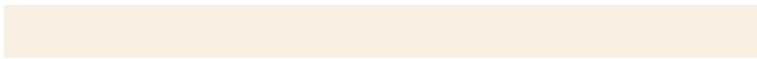
The Inverse Universe completely reimagines the original color for something new.



81.8545, 0.3144, 0.3082



83.3056, 0.3148, 0.3031



87.2818, 0.3270, 0.3408



17.5095, 0.3145, 0.3067



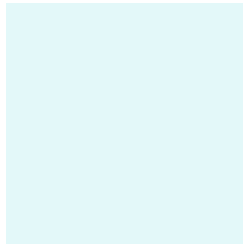
14.0662, 0.3332, 0.1609



1.3070, 0.3316, 0.1600

Previews

White Background



This preview shows how the Yxy color 90.3052, 0.2990, 0.3279 looks on a white background.

Color Contrast Check

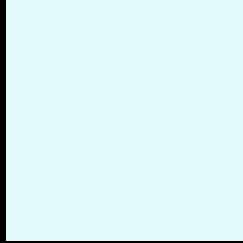
Large Text (above 18pt) WCAG AA × Fail

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 90.3052, 0.2990, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

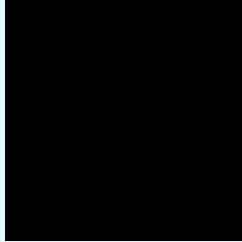
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

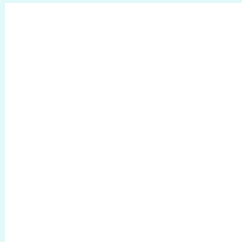
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.3052, 0.2990, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 90.3052, 0.2990, 0.3279.

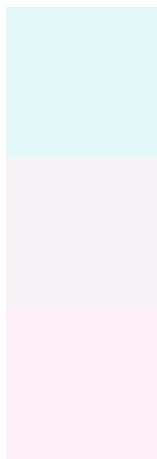


This preview shows how white text looks on a background with the Yxy color 90.3052, 0.2990, 0.3279.

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

90.3052, 0.2990, 0.3279

Protanopia

89.9322, 0.3136, 0.3251

Deuteranopia

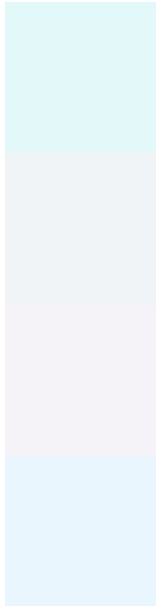
89.7703, 0.3177, 0.3203



Tritanopia

90.5293, 0.3018, 0.3191

Trichromacy



Original Color

90.3052, 0.2990, 0.3279

Protanomaly

89.9420, 0.3084, 0.3260

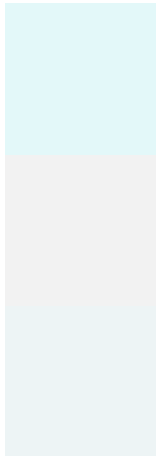
Deuteranomaly

89.6940, 0.3110, 0.3231

Tritanomaly

90.3270, 0.3005, 0.3220

Monochromacy



Original Color

90.3052, 0.2990, 0.3279

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 90.3052, 0.2990, 0.3279 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, 248, 249)` looks like.

```
.text, #text, p{  
    color:rgb(227, 248, 249)  
}
```

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, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 248, 249) }
```

Border

The CSS property to change the border of an element to Yxy 90.3052, 0.2990, 0.3279 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, 248, 249) }
```

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

```
.border{ border-color:rgb(227, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(227, 248,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3052, 0.2990, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 248, 249) }
```

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

```
.background{ background-color: rgb(227,  
248, 249) }
```

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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