

Converting Colors

Yxy(93.9528, 0.3033, 0.3320)

Have a look what the booklet for
Yxy(93.9528, 0.3033, 0.3320)
contains.

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Color

Yxy(93.9528, 0.3033, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	EAFCF9
RGB	234, 252, 249
RGB Percent	92%, 99%, 98%
CMY	0.0824, 0.0117, 0.0237
CMYK	0.07, 0.00, 0.01, 0.01
HSL	170°, 75%, 95%
HSV	170°, 7%, 99%
XYZ	85.8310, 93.9528, 103.2066
YIQ	246.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

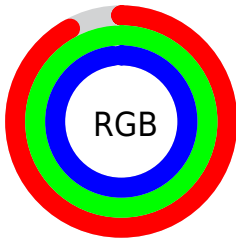
Format	Color
RYB	234, 244, 252
Decimal	15400185
CIELab	97.61, -6.42, -0.58
CIELCh	98, 6.450, 185.140
Yxy	93.9528, 0.3033, 0.3320
Android (android.graphics.Color)	4293590265 (0xFFEAFCF9)
YUV	246.2760, 1.3429, -10.7661
Hunter-Lab	96.9293, -11.5642, 4.7207

Details

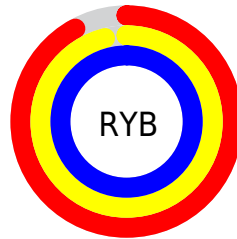
The Yxy color 93.9528, 0.3033, 0.3320 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.6471, 0.3230, 0.3260, and the grayscale version is 92.3872, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3454, 0.3008, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 89.7282, 0.2906, 0.3366, and if you desaturate by 10%, it is 97.9967, 0.3139, 0.3279.

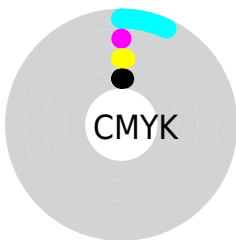
Distribution



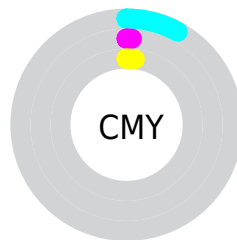
- Red (92%)
- Green (99%)
- Blue (98%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



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




- Cyan (8%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9528, 0.3033, 0.3320 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 93.9528, 0.3033, 0.3320 by changing the saturation by 10% instead.

 93.9528, 0.3033,
0.3320

 93.9528, 0.3033,
0.3320


540.8070, 0.3075,
0.3307

 71.2637, 0.3024,
0.3323


152.8171, 0.3047,
0.3316

 52.5574, 0.3013,
0.3326

189.7610, 0.3053,
0.3314

 37.4496, 0.2999,
0.3331

232.2254, 0.3058,
0.3312

 25.5558, 0.2982,
0.3336

280.5945, 0.3062,
0.3311

 16.4916, 0.2959,
0.3343

335.2529, 0.3066,
0.3310

 9.8727, 0.2928,
0.3353

396.5848, 0.3069,

 5.3146, 0.2883,

0.3309

0.3366

464.9747, 0.3072,
0.3308

■ 2.4330, 0.2811,
0.3388

■ 0.8428, 0.2635,
0.3447

■ 93.9528, 0.3033,
0.3320

■ 93.9528, 0.3033,
0.3320

■ 89.7282, 0.2906,
0.3366


■ 97.9967, 0.3139,
0.3279


■ 86.0868, 0.2788,
0.3415

■ 98.1105, 0.3128,
0.3262

■ 83.0052, 0.2681,
0.3468

■ 80.4540, 0.2588,
0.3525

 78.4008, 0.2512,
0.3584

 76.8099, 0.2455,
0.3644

 75.6407, 0.2417,
0.3706

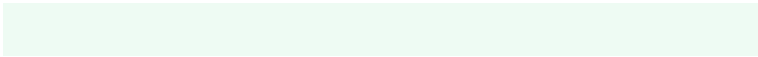
 74.8455, 0.2400,
0.3767

 74.3629, 0.2400,
0.3828

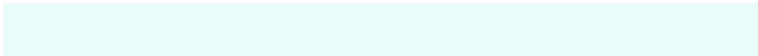
Harmonies

Analogous

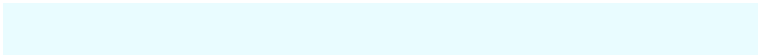
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9528, 0.3096, 0.3377



93.9528, 0.3033, 0.3320



93.9528, 0.2995, 0.3255

Triad

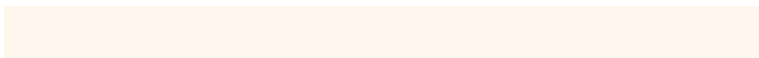
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.9528, 0.3033, 0.3320



93.9528, 0.3085, 0.3173



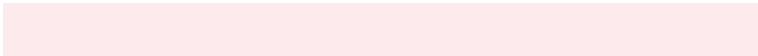
93.9528, 0.3264, 0.3378

Complementary

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



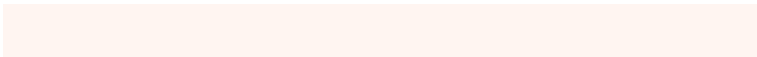
93.9528, 0.3033, 0.3320



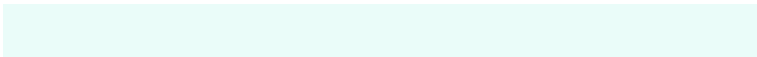
85.6471, 0.3230, 0.3260

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.



93.9528, 0.3261, 0.3323



93.9528, 0.3033, 0.3320



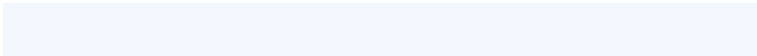
93.9528, 0.3157, 0.3206

Square

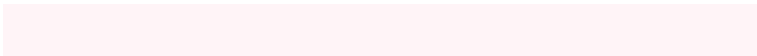
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.9528, 0.3033, 0.3320



93.9528, 0.3025, 0.3171



93.9528, 0.3222, 0.3260



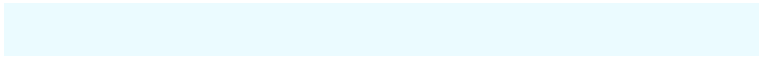
93.9528, 0.3230, 0.3410

Rectangle

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



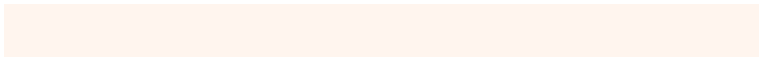
93.9528, 0.3033, 0.3320



93.9528, 0.2989, 0.3217



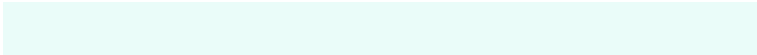
93.9528, 0.3222, 0.3260



93.9528, 0.3268, 0.3361

Sweetspot

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



93.9568, 0.3033, 0.3320



98.9902, 0.3101, 0.3298



93.6233, 0.3139, 0.3471



21.1985, 0.3102, 0.3298



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

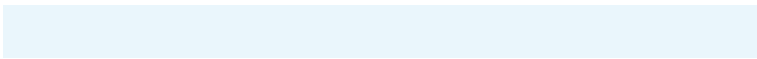
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9568, 0.3033, 0.3320



95.6570, 0.3009, 0.3328



90.6142, 0.3016, 0.3233



19.5553, 0.3003, 0.3330



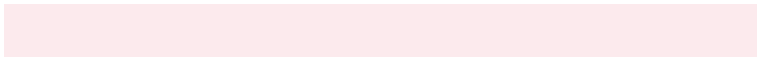
38.6947, 0.2399, 0.3834



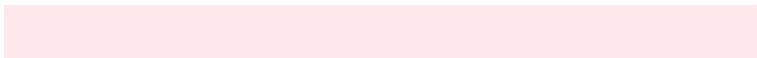
3.5967, 0.2378, 0.3762

Inverse Universe

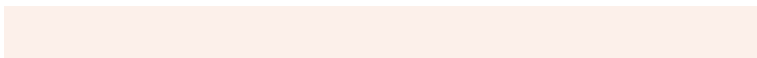
The Inverse Universe completely reimagines the original color for something new.



85.6471, 0.3230, 0.3260



85.0532, 0.3259, 0.3252



88.7752, 0.3245, 0.3347



17.2730, 0.3267, 0.3250



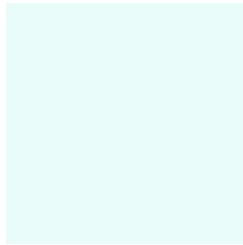
10.8841, 0.6155, 0.3164



1.0211, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 93.9528, 0.3033, 0.3320 looks on a white background.

Color Contrast Check

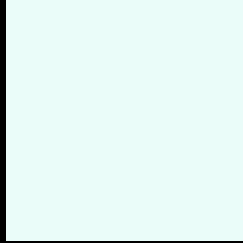
Large Text (above 18pt) WCAG AA × Fail

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 93.9528, 0.3033, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

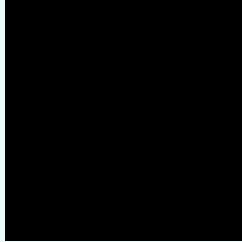
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

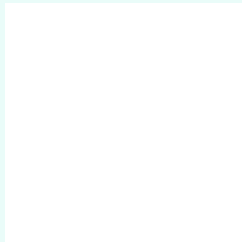
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.9528, 0.3033, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 93.9528, 0.3033, 0.3320.

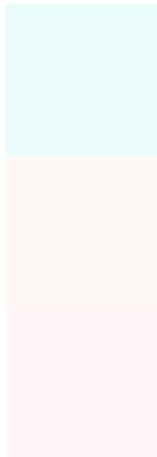


This preview shows how white text looks on a background with the Yxy color 93.9528, 0.3033, 0.3320.

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

93.9528, 0.3033, 0.3320

Protanopia

94.0580, 0.3172, 0.3300

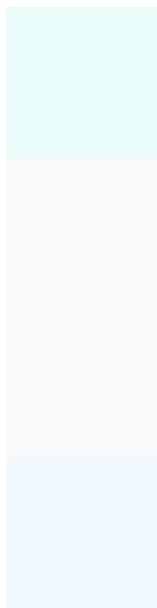
Deuteranopia

94.0111, 0.3167, 0.3261

Tritanopia

93.5879, 0.3061, 0.3222

Trichromacy



Original Color

93.9528, 0.3033, 0.3320

Protanomaly

94.0596, 0.3120, 0.3310

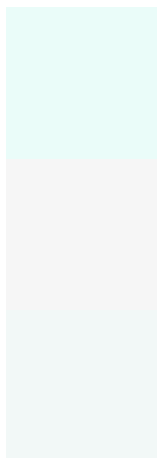
Deuteranomaly

93.7485, 0.3115, 0.3280

Tritanomaly

93.3685, 0.3048, 0.3250

Monochromacy



Original Color

93.9528, 0.3033, 0.3320

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7274, 0.3095, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9528, 0.3033, 0.3320 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, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(234, 252, 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(234, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 252, 249) }
```

Border

The CSS property to change the border of an element to Yxy 93.9528, 0.3033, 0.3320 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, 252, 249) }
```

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

```
.border{ border-color:rgb(234, 252, 249) }
```

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

Here you see how a box with a 4 pixel rgb(234, 252, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(234, 252,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9528, 0.3033, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 252, 249) }
```

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

```
.background{ background-color: rgb(234,  
252, 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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