

Converting Colors

$Y_{xy}(100.0000, 0.3035, 0.3430)$

Have a look what the booklet for
Yxy(100.0000, 0.3035, 0.3430)
contains.

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Color

Yxy(95.6209, 0.3032, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFF8
RGB	233, 255, 248
RGB Percent	91%, 100%, 97%
CMY	0.0862, 0.0000, 0.0273
CMYK	0.09, 0.00, 0.03, 0.00
HSL	161°, 100%, 96%
HSV	161°, 9%, 100%
XYZ	86.3122, 95.6209, 102.7377
YIQ	247.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

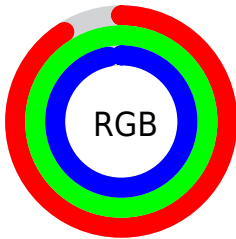
Format	Color
R _Y B	233, 246, 255
Decimal	15335416
CIE Lab	98.28, -8.40, 0.87
CIE LCh	98, 8.449, 174.072
Yxy	95.6209, 0.3032, 0.3359
Android (android.graphics.Color)	4293525496 (0xFFE9FFF8)
YUV	247.6240, 0.1854, -12.8252
Hunter-Lab	97.7859, -13.5698, 6.1578

Details

The Yxy color 95.6209, 0.3032, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.8313, 0.3232, 0.3222, and the grayscale version is 93.5553, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5410, 0.3008, 0.3366 is the 20% darker color. If you saturate the color by 10%, you get 91.1467, 0.2925, 0.3447, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

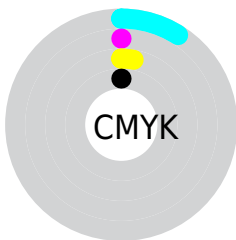
Distribution



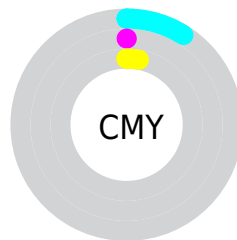
- Red (91%)
- Green (100%)
- Blue (97%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6209, 0.3032, 0.3359 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 95.6209, 0.3032, 0.3359 by changing the saturation by 10% instead.


 95.6209, 0.3032,
0.3359

 95.6209, 0.3032,
0.3359


546.1508, 0.3074,
0.3329

 72.6519, 0.3023,
0.3366


155.1221, 0.3046,
0.3349

 53.6913, 0.3012,
0.3374


192.4231, 0.3052,
0.3345

 38.3550, 0.2998,
0.3384


235.2702, 0.3057,
0.3341

 26.2583, 0.2981,
0.3396

284.0477, 0.3061,
0.3338

 17.0170, 0.2958,
0.3413

339.1402, 0.3065,
0.3335

 10.2466, 0.2926,
0.3436

400.9319, 0.3068,

 5.5628, 0.2881,

0.3333

0.3469

469.8073, 0.3071,
0.3331

■ 2.5811, 0.2809,
0.3523

■ 0.9172, 0.2643,
0.3639

■ 95.6209, 0.3032,
0.3359

■ 95.6209, 0.3032,
0.3359

■ 91.1467, 0.2925,
0.3447

100.0000, 0.3127,
0.3290

■ 87.2846, 0.2826,
0.3544

■ 84.0089, 0.2736,
0.3648

■ 81.2885, 0.2659,
0.3760

■ 79.0897, 0.2598,
0.3877

■ 77.3746, 0.2555,
0.3998

■ 76.1004, 0.2533,
0.4121

■ 75.2162, 0.2531,
0.4244

■ 74.6497, 0.2547,
0.4364

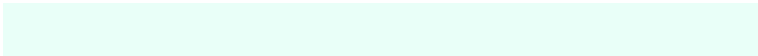
Harmonies

Analogous

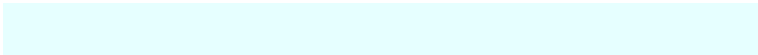
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6209, 0.3121, 0.3425



95.6209, 0.3032, 0.3359



95.6209, 0.2969, 0.3275

Triad

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



95.6209, 0.3032, 0.3359



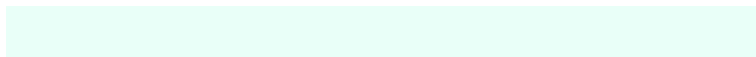
95.6209, 0.3040, 0.3132



95.6209, 0.3310, 0.3380

Complementary

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



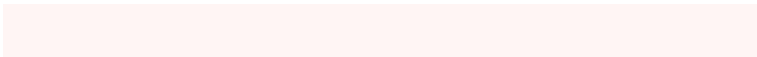
95.6209, 0.3032, 0.3359



85.8313, 0.3232, 0.3222

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.



95.6209, 0.3288, 0.3302



95.6209, 0.3032, 0.3359



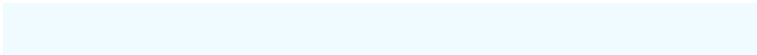
95.6209, 0.3131, 0.3161

Square

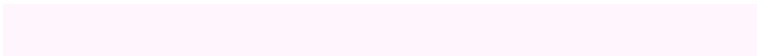
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.6209, 0.3032, 0.3359



95.6209, 0.2973, 0.3145



95.6209, 0.3222, 0.3222



95.6209, 0.3283, 0.3435

Rectangle

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



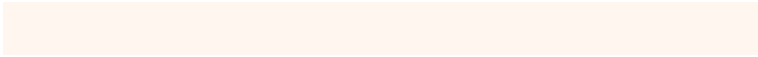
95.6209, 0.3032, 0.3359



95.6209, 0.2949, 0.3221



95.6209, 0.3222, 0.3222



95.6209, 0.3309, 0.3355

Sweetspot

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



95.6239, 0.3032, 0.3359



98.4227, 0.3094, 0.3313



95.9880, 0.3163, 0.3509



20.9784, 0.3085, 0.3320



0.0000, 0.0000, 0.0000



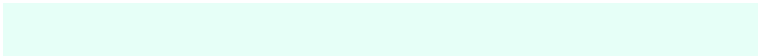
21.4041, 0.3127, 0.3290

Same Dimension

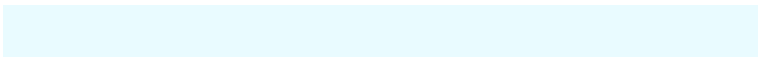
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6239, 0.3032, 0.3359



94.9708, 0.3017, 0.3371



93.7482, 0.2993, 0.3253



20.3777, 0.3022, 0.3366



38.9998, 0.2545, 0.4361



3.8171, 0.2506, 0.4223

Inverse Universe

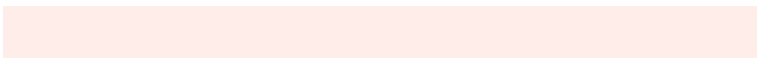
The Inverse Universe completely reimagines the original color for something new.



85.8313, 0.3232, 0.3222



83.7242, 0.3251, 0.3211



87.5222, 0.3274, 0.3326



18.0819, 0.3244, 0.3215



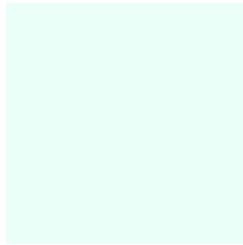
11.4415, 0.5708, 0.2918



1.1329, 0.5388, 0.2742

Previews

White Background



This preview shows how the Yxy color 95.6209, 0.3032, 0.3359 looks on a white background.

Color Contrast Check

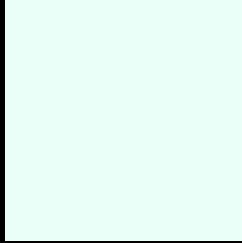
Large Text (above 18pt) WCAG AA × Fail

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 95.6209, 0.3032, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

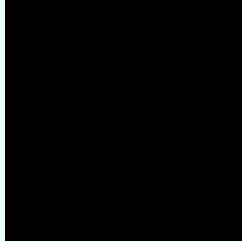
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

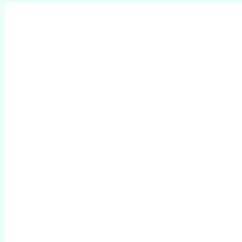
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.6209, 0.3032, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 95.6209, 0.3032, 0.3359.



This preview shows how white text looks on a background with the Yxy color 95.6209, 0.3032, 0.3359.

Color Blindness Simulation

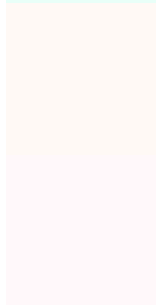
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6209, 0.3032, 0.3359



Protanopia

95.6039, 0.3189, 0.3329

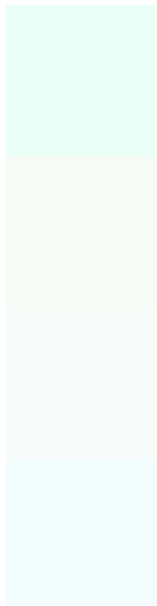
Deuteranopia

95.2969, 0.3160, 0.3271

Tritanopia

95.3654, 0.3079, 0.3242

Trichromacy



Original Color

95.6209, 0.3032, 0.3359

Protanomaly

95.4223, 0.3131, 0.3339

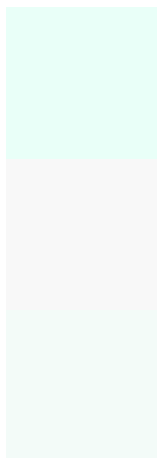
Deuteranomaly

95.6081, 0.3114, 0.3309

Tritanomaly

95.5263, 0.3065, 0.3290

Monochromacy



Original Color

95.6209, 0.3032, 0.3359

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.8264, 0.3094, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6209, 0.3032, 0.3359 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(233, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 248)  
}
```

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(233, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 95.6209, 0.3032, 0.3359 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(233, 255, 248) }
```

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

```
.border{ border-color:rgb(233, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6209, 0.3032, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 248) }
```

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

```
.background{ background-color: rgb(233,  
255, 248) }
```

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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