

Converting Colors

Yxy(98.6234, 0.3060, 0.3393)

Have a look what the booklet for
Yxy(98.6234, 0.3060, 0.3393)
contains.

Yxy(96.4745, 0.3062, 0.3359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(96.4745, 0.3062, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFF8
RGB	238, 255, 248
RGB Percent	93%, 100%, 97%
CMY	0.0670, 0.0000, 0.0274
CMYK	0.07, 0.00, 0.03, 0.00
HSL	155°, 100%, 97%
HSV	155°, 7%, 100%
XYZ	87.9443, 96.4745, 102.7932
YIQ	249.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

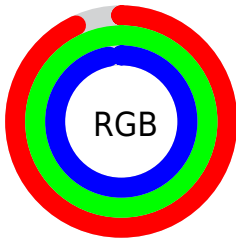
Format	Color
R _Y B	238, 249, 255
Decimal	15663096
CIE Lab	98.62, -6.83, 1.42
CIE LCh	99, 6.979, 168.243
Yxy	96.4745, 0.3062, 0.3359
Android (android.graphics.Color)	4293853176 (0xFFEEFF8)
YUV	249.1190, -0.5517, -9.7514
Hunter-Lab	98.2214, -12.0644, 6.7053

Details

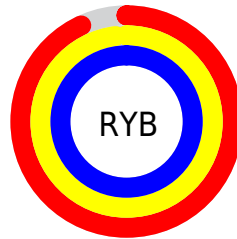
The Yxy color 96.4745, 0.3062, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9539, 0.3197, 0.3222, and the grayscale version is 94.8240, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1390, 0.3046, 0.3365 is the 20% darker color. If you saturate the color by 10%, you get 91.7271, 0.2967, 0.3471, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

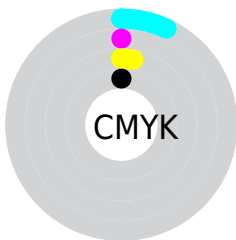
Distribution



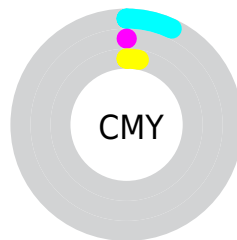
- Red (93%)
- Green (100%)
- Blue (97%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.4745, 0.3062, 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 96.4745, 0.3062, 0.3359 by changing the saturation by 10% instead.

 96.4745, 0.3062,
0.3359

 96.4745, 0.3062,
0.3359


548.8747, 0.3091,
0.3329

 73.3628, 0.3056,
0.3366


156.3001, 0.3072,
0.3349

 54.2727, 0.3048,
0.3374

193.7828, 0.3076,
0.3345

 38.8197, 0.3039,
0.3384


236.8247, 0.3079,
0.3341

 26.6195, 0.3027,
0.3396

285.8101, 0.3082,
0.3338

 17.2877, 0.3011,
0.3413

341.1234, 0.3084,
0.3335

 10.4398, 0.2990,
0.3436

403.1490, 0.3087,

 5.6915, 0.2959,

0.3333

0.3469

472.2713, 0.3089,
0.3331

■ 2.6584, 0.2909,
0.3523

■ 0.9561, 0.2808,
0.3627

■ 96.4745, 0.3062,
0.3359

■ 96.4745, 0.3062,
0.3359

■ 91.7271, 0.2967,
0.3471

100.0000, 0.3127,
0.3290


■ 87.6269, 0.2877,
0.3596


■ 84.1328, 0.2795,
0.3731


■ 81.2137, 0.2724,
0.3877

 78.8362, 0.2668,
0.4031

 76.9629, 0.2630,
0.4191

 75.5517, 0.2611,
0.4354

 74.5532, 0.2613,
0.4515

 73.9053, 0.2635,
0.4671

Harmonies

Analogous

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



96.4745, 0.3138, 0.3408



96.4745, 0.3062, 0.3359



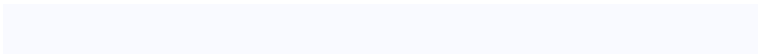
96.4745, 0.3004, 0.3292

Triad

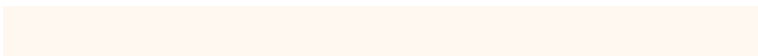
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.4745, 0.3062, 0.3359



96.4745, 0.3043, 0.3159



96.4745, 0.3278, 0.3353

Complementary

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



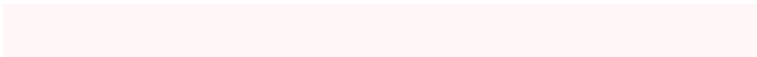
96.4745, 0.3062, 0.3359



88.9539, 0.3197, 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.



96.4745, 0.3252, 0.3287



96.4745, 0.3062, 0.3359



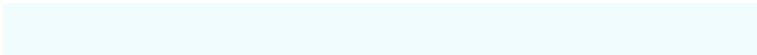
96.4745, 0.3115, 0.3176

Square

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



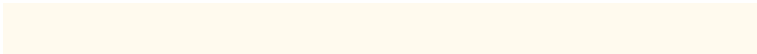
96.4745, 0.3062, 0.3359



96.4745, 0.2993, 0.3177



96.4745, 0.3192, 0.3223



96.4745, 0.3263, 0.3403

Rectangle

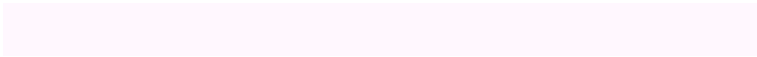
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



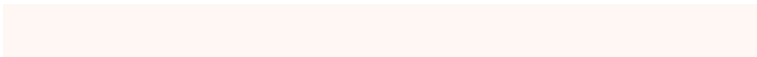
96.4745, 0.3062, 0.3359



96.4745, 0.2983, 0.3246



96.4745, 0.3192, 0.3223



96.4745, 0.3273, 0.3332

Sweetspot

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



96.4618, 0.3062, 0.3359



98.9116, 0.3108, 0.3310



97.1084, 0.3164, 0.3458



21.1826, 0.3109, 0.3309



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

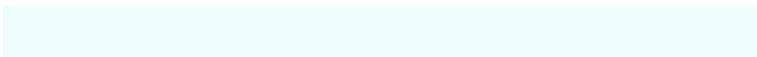
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4618, 0.3062, 0.3359



95.8073, 0.3049, 0.3373



95.9999, 0.3023, 0.3276



20.3481, 0.3035, 0.3389



38.5599, 0.2638, 0.4697



3.7762, 0.2589, 0.4519

Inverse Universe

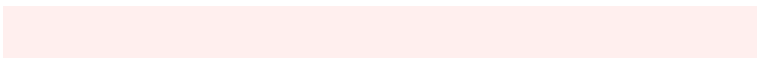
The Inverse Universe completely reimagines the original color for something new.



88.9539, 0.3197, 0.3222



86.9166, 0.3212, 0.3209



89.3662, 0.3240, 0.3304



18.1105, 0.3230, 0.3193



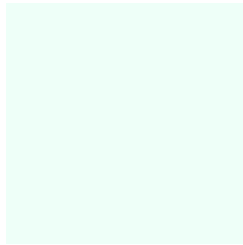
11.6645, 0.5344, 0.2717



1.1568, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 96.4745, 0.3062, 0.3359 looks on a white background.

Color Contrast Check

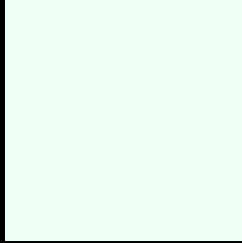
Large Text (above 18pt) WCAG AA × Fail

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 96.4745, 0.3062, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

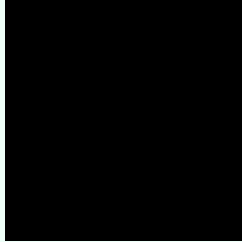
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

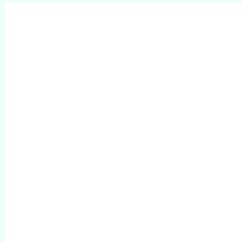
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.4745, 0.3062, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 96.4745, 0.3062, 0.3359.



This preview shows how white text looks on a background with the Yxy color 96.4745, 0.3062, 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

96.4745, 0.3062, 0.3359



Protanopia

96.3466, 0.3177, 0.3319

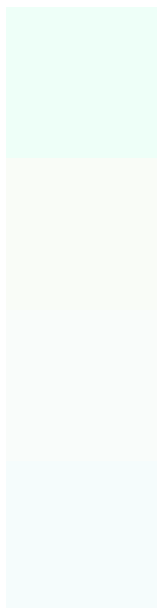
Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.3541, 0.3091, 0.3251

Trichromacy



Original Color

96.4745, 0.3062, 0.3359

Protanomaly

96.4759, 0.3137, 0.3338

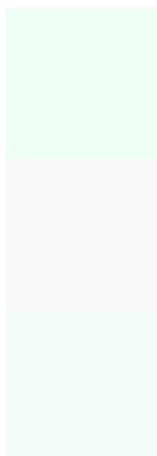
Deuteranomaly

96.6627, 0.3120, 0.3309

Tritanomaly

96.0616, 0.3084, 0.3290

Monochromacy



Original Color

96.4745, 0.3062, 0.3359

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.2464, 0.3101, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4745, 0.3062, 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(238, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 96.4745, 0.3062, 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(238, 255, 248) }
```

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

```
.border{ border-color:rgb(238, 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(238, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4745, 0.3062, 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(238, 255, 248) }
```

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

```
.background{ background-color: rgb(238,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor