

Converting Colors

Yxy(92.4403, 0.3127, 0.3440)

Have a look what the booklet for
Yxy(92.4403, 0.3127, 0.3440)
contains.

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Color

Yxy(92.2022, 0.3126, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	ECFAEB
RGB	236, 250, 235
RGB Percent	93%, 98%, 92%
CMY	0.0747, 0.0195, 0.0784
CMYK	0.06, 0.00, 0.06, 0.02
HSL	116°, 60%, 95%
HSV	116°, 6%, 98%
XYZ	83.7617, 92.2022, 91.9878
YIQ	244.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

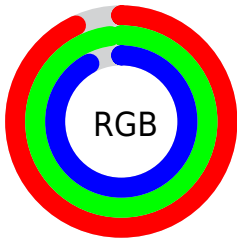
Format	Color
R _Y B	235, 250, 249
Decimal	15530731
CIE Lab	96.90, -7.28, 5.59
CIE LCh	97, 9.178, 142.470
Yxy	92.2022, 0.3126, 0.3441
Android (android.graphics.Color)	4293720811 (0xFFECFAEB)
YUV	244.1040, -4.4883, -7.1072
Hunter-Lab	96.0220, -12.3297, 10.4163

Details

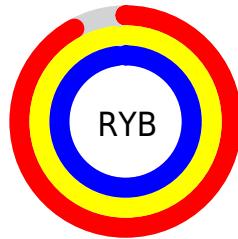
The Yxy color **92.2022, 0.3126, 0.3441** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4822, 0.3128, 0.3143**, and the grayscale version is **90.5904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5415, 0.3126, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **87.1095, 0.3123, 0.3720**, and if you desaturate by 10%, it is **96.8629, 0.3129, 0.3243**.

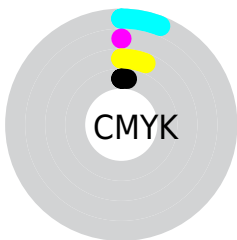
Distribution



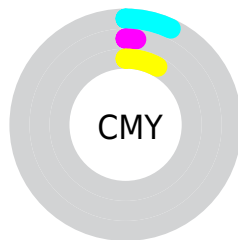
- Red (93%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)





- Cyan (7%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2022, 0.3126, 0.3441 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 92.2022, 0.3126, 0.3441 by changing the saturation by 10% instead.


 92.2022, 0.3126,
0.3441

 92.2022, 0.3126,
0.3441


535.1688, 0.3127,
0.3373

 69.8086, 0.3126,
0.3456


150.3936, 0.3126,
0.3418

 51.3705, 0.3125,
0.3474


186.9602, 0.3126,
0.3409

 36.5036, 0.3125,
0.3497

229.0199, 0.3127,
0.3401

 24.8233, 0.3124,
0.3526

276.9571, 0.3127,
0.3394

 15.9455, 0.3123,
0.3565

331.1562, 0.3127,
0.3388

 9.4856, 0.3121,
0.3619

392.0015, 0.3127,

 5.0592, 0.3118,

0.3383

0.3700

459.8776, 0.3127,
0.3378

■ 2.2821, 0.3110,
0.3833

■ 0.7642, 0.3128,
0.4357

■ 92.2022, 0.3126,
0.3441

■ 92.2022, 0.3126,
0.3441

■ 87.1095, 0.3123,
0.3720

■ 96.8629, 0.3129,
0.3243

■ 82.7138, 0.3117,
0.4032

■ 78.9882, 0.3109,
0.4371

■ 75.8998, 0.3098,
0.4726

■ 73.4129, 0.3084,
0.5078

■ 71.4882, 0.3067,
0.5402

■ 70.0818, 0.3048,
0.5672

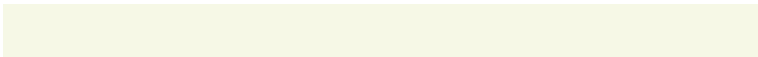
■ 69.1431, 0.3030,
0.5863

■ 68.6113, 0.3014,
0.5968

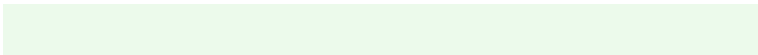
Harmonies

Analogous

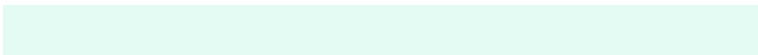
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2022, 0.3226, 0.3469



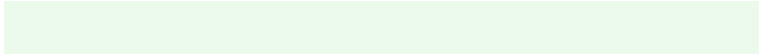
92.2022, 0.3126, 0.3441



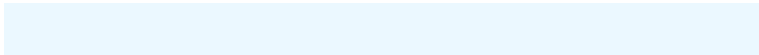
92.2022, 0.3027, 0.3371

Triad

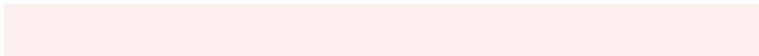
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2022, 0.3126, 0.3441



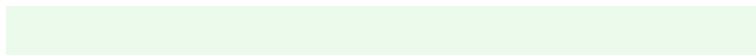
92.2022, 0.2955, 0.3133



92.2022, 0.3302, 0.3298

Complementary

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



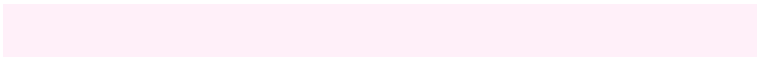
92.2022, 0.3126, 0.3441



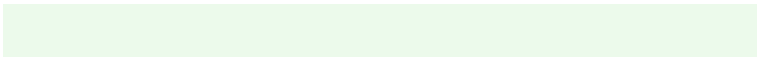
86.4822, 0.3128, 0.3143

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.



92.2022, 0.3227, 0.3211



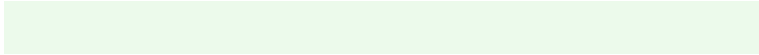
92.2022, 0.3126, 0.3441



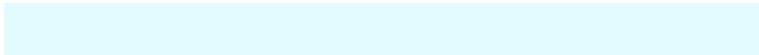
92.2022, 0.3027, 0.3117

Square

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



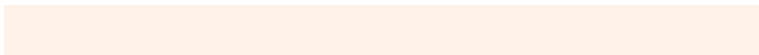
92.2022, 0.3126, 0.3441



92.2022, 0.2930, 0.3191



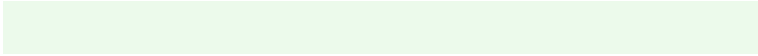
92.2022, 0.3126, 0.3146



92.2022, 0.3329, 0.3384

Rectangle

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



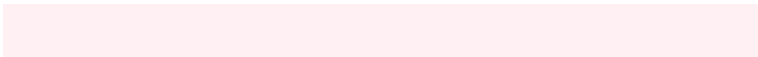
92.2022, 0.3126, 0.3441



92.2022, 0.2975, 0.3310



92.2022, 0.3126, 0.3146



92.2022, 0.3281, 0.3268

Sweetspot

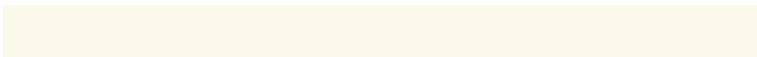
The Sweet Spot groups the original color and five complimentary colors.



92.2062, 0.3126, 0.3441



98.7802, 0.3127, 0.3339



94.0891, 0.3217, 0.3427



21.1558, 0.3127, 0.3337



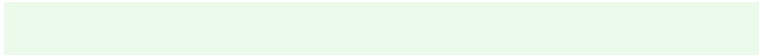
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

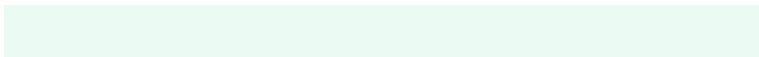
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2062, 0.3126, 0.3441



95.8662, 0.3126, 0.3468



92.4290, 0.3082, 0.3375



19.5755, 0.3126, 0.3483



36.3429, 0.3013, 0.5990



3.3835, 0.3045, 0.5964

Inverse Universe

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



86.4822, 0.3128, 0.3143



88.9244, 0.3128, 0.3118



86.2539, 0.3175, 0.3206



18.0398, 0.3128, 0.3103



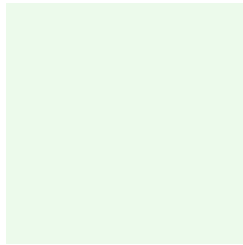
12.9981, 0.3053, 0.1455



1.2201, 0.3073, 0.1466

Previews

White Background



This preview shows how the Yxy color 92.2022, 0.3126, 0.3441 looks on a white background.

Color Contrast Check

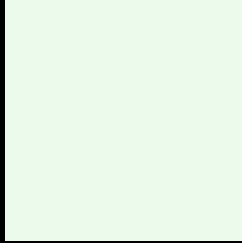
Large Text (above 18pt) WCAG AA × Fail

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 92.2022, 0.3126, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

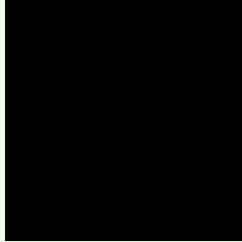
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

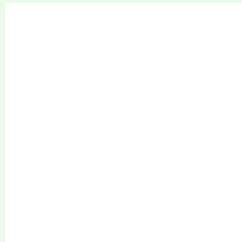
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2022, 0.3126, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 92.2022, 0.3126, 0.3441.

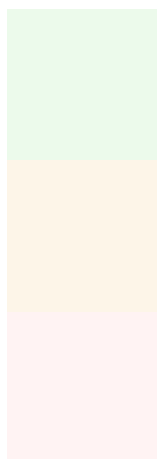


This preview shows how white text looks on a background with the Yxy color 92.2022, 0.3126, 0.3441.

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

92.2022, 0.3126, 0.3441

Protanopia

92.0137, 0.3259, 0.3418

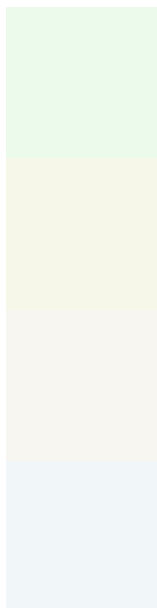
Deuteranopia

91.8322, 0.3206, 0.3290

Tritanopia

92.3646, 0.3062, 0.3202

Trichromacy



Original Color

92.2022, 0.3126, 0.3441

Protanomaly

92.1789, 0.3211, 0.3429

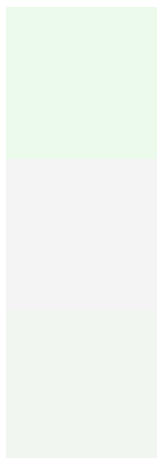
Deuteranomaly

92.1593, 0.3176, 0.3349

Tritanomaly

91.9996, 0.3083, 0.3280

Monochromacy



Original Color

92.2022, 0.3126, 0.3441

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9632, 0.3125, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2022, 0.3126, 0.3441 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(236, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 235)  
}
```

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(236, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 235) }
```

Border

The CSS property to change the border of an element to Yxy 92.2022, 0.3126, 0.3441 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(236, 250, 235) }
```

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

```
.border{ border-color:rgb(236, 250, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 250, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2022, 0.3126, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 235) }
```

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

```
.background{ background-color: rgb(236,  
250, 235) }
```

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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