

Converting Colors

$Y_{xy}(100.0000, 0.3143, 0.3590)$

Have a look what the booklet for
Yxy(100.0000, 0.3143, 0.3590)
contains.

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Color

Yxy(95.3507, 0.3147, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFE8
RGB	237, 255, 232
RGB Percent	93%, 100%, 91%
CMY	0.0707, 0.0000, 0.0900
CMYK	0.07, 0.00, 0.09, 0.00
HSL	107°, 100%, 95%
HSV	107°, 9%, 100%
XYZ	85.2468, 95.3507, 90.2852
YIQ	246.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

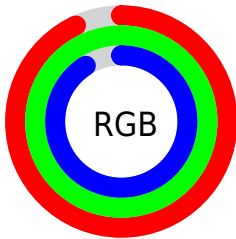
Format	Color
R _Y B	232, 255, 250
Decimal	15597544
CIE Lab	98.17, -9.94, 8.96
CIE LCh	98, 13.379, 137.980
Yxy	95.3507, 0.3147, 0.3520
Android (android.graphics.Color)	4293787624 (0xFFEDFFE8)
YUV	246.9960, -7.3930, -8.7665
Hunter-Lab	97.6477, -15.0523, 13.5338

Details

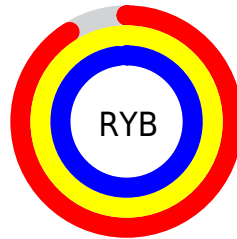
The Yxy color 95.3507, 0.3147, 0.3520 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.2944, 0.3105, 0.3066, and the grayscale version is 93.0667, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3465, 0.3153, 0.3573 is the 20% darker color. If you saturate the color by 10%, you get 90.7451, 0.3167, 0.3804, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

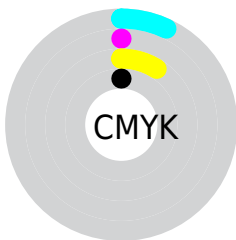
Distribution



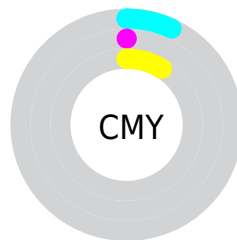
- Red (93%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3507, 0.3147, 0.3520 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 95.3507, 0.3147, 0.3520 by changing the saturation by 10% instead.


 95.3507, 0.3147,
0.3520

 95.3507, 0.3147,
0.3520


545.2871, 0.3139,
0.3417

 72.4269, 0.3149,
0.3543

154.7490, 0.3144,
0.3485

 53.5075, 0.3150,
0.3570


191.9923, 0.3143,
0.3471

 38.2080, 0.3152,
0.3605


234.7776, 0.3142,
0.3459

 26.1442, 0.3155,
0.3649

283.4892, 0.3142,
0.3449

 16.9315, 0.3158,
0.3708

338.5116, 0.3141,
0.3439

 10.1857, 0.3161,
0.3789

400.2291, 0.3140,

 5.5223, 0.3164,

0.3431

0.3910

469.0261, 0.3140,
0.3424

■ 2.5568, 0.3166,
0.4107

■ 0.9050, 0.3281,
0.4810

■ 95.3507, 0.3147,
0.3520

■ 95.3507, 0.3147,
0.3520

■ 90.7451, 0.3167,
0.3804

100.0000, 0.3127,
0.3290

■ 86.7162, 0.3184,
0.4114

■ 83.2381, 0.3195,
0.4446

■ 80.2863, 0.3199,
0.4786

■ 77.8342, 0.3193,
0.5117

■ 75.8530, 0.3176,
0.5417

■ 74.3108, 0.3149,
0.5663

■ 73.1711, 0.3112,
0.5837

■ 72.3870, 0.3072,
0.5938

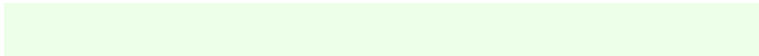
Harmonies

Analogous

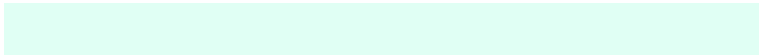
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3507, 0.3289, 0.3549



95.3507, 0.3147, 0.3520



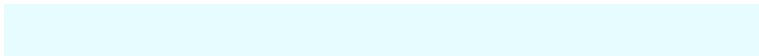
95.3507, 0.3002, 0.3425

Triad

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



95.3507, 0.3147, 0.3520



95.3507, 0.2871, 0.3072



95.3507, 0.3367, 0.3281

Complementary

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



95.3507, 0.3147, 0.3520



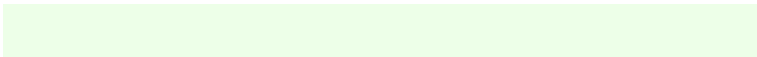
85.2944, 0.3105, 0.3066

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.



95.3507, 0.3250, 0.3161



95.3507, 0.3147, 0.3520



95.3507, 0.2964, 0.3041

Square

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



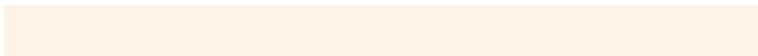
95.3507, 0.3147, 0.3520



95.3507, 0.2845, 0.3163



95.3507, 0.3102, 0.3074



95.3507, 0.3418, 0.3407

Rectangle

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



95.3507, 0.3147, 0.3520



95.3507, 0.2923, 0.3338



95.3507, 0.3102, 0.3074



95.3507, 0.3334, 0.3239

Sweetspot

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



95.3476, 0.3147, 0.3520



98.3952, 0.3134, 0.3364



95.4758, 0.3266, 0.3465



20.9708, 0.3136, 0.3384



0.0000, 0.0000, 0.0000



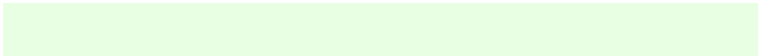
21.4041, 0.3127, 0.3290

Same Dimension

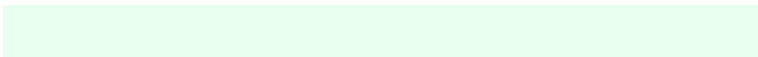
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3476, 0.3147, 0.3520



94.3817, 0.3151, 0.3574



94.8880, 0.3079, 0.3455



20.3559, 0.3148, 0.3533



37.8429, 0.3076, 0.5939



3.7295, 0.3148, 0.5883

Inverse Universe

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



85.2944, 0.3105, 0.3066



82.2671, 0.3099, 0.3015



85.8049, 0.3179, 0.3130



18.0922, 0.3103, 0.3053



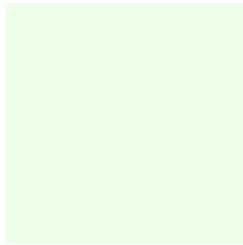
10.2769, 0.2670, 0.1244



1.0472, 0.2734, 0.1280

Previews

White Background



This preview shows how the Yxy color 95.3507, 0.3147, 0.3520 looks on a white background.

Color Contrast Check

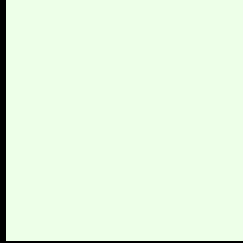
Large Text (above 18pt) WCAG AA × Fail

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 95.3507, 0.3147, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

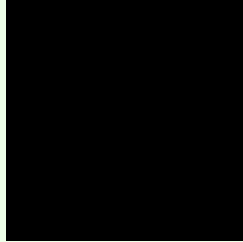
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

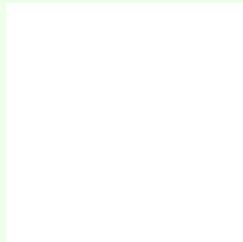
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3507, 0.3147, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 95.3507, 0.3147, 0.3520.

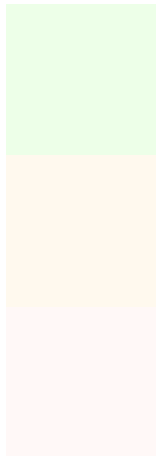


This preview shows how white text looks on a background with the Yxy color 95.3507, 0.3147, 0.3520.

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

95.3507, 0.3147, 0.3520

Protanopia

95.1844, 0.3231, 0.3397

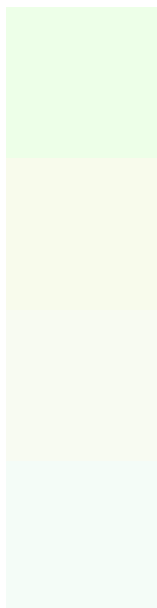
Deuteranopia

95.1102, 0.3178, 0.3300

Tritanopia

95.5477, 0.3086, 0.3242

Trichromacy



Original Color

95.3507, 0.3147, 0.3520

Protanomaly

95.0069, 0.3196, 0.3437

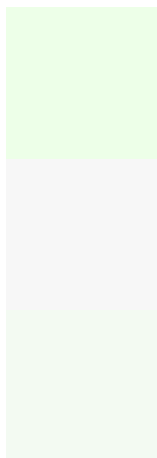
Deuteranomaly

95.3616, 0.3161, 0.3378

Tritanomaly

95.5693, 0.3106, 0.3339

Monochromacy



Original Color

95.3507, 0.3147, 0.3520

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.8367, 0.3130, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3507, 0.3147, 0.3520 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(237, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 232)  
}
```

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(237, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 95.3507, 0.3147, 0.3520 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(237, 255, 232) }
```

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

```
.border{ border-color:rgb(237, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3507, 0.3147, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 232) }
```

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

```
.background{ background-color: rgb(237,  
255, 232) }
```

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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