

Converting Colors

$Yxy(91.6905, 0.3155, 0.3503)$

Have a look what the booklet for
Yxy(91.6905, 0.3155, 0.3503)
contains.

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Color

Yxy(91.6905, 0.3155, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	EBFAE5
RGB	235, 250, 229
RGB Percent	92%, 98%, 90%
CMY	0.0786, 0.0196, 0.1019
CMYK	0.06, 0.00, 0.08, 0.02
HSL	103°, 68%, 94%
HSV	103°, 8%, 98%
XYZ	82.5817, 91.6905, 87.4763
YIQ	243.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

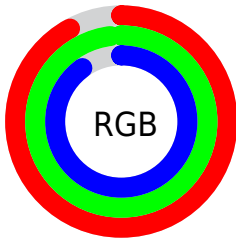
Format	Color
R _Y B	229, 250, 244
Decimal	15465189
CIE Lab	96.69, -8.64, 8.37
CIE LCh	97, 12.031, 135.893
Yxy	91.6905, 0.3155, 0.3503
Android (android.graphics.Color)	4293655269 (0xFFEBFAE5)
YUV	243.1210, -6.9617, -7.1221
Hunter-Lab	95.7552, -13.6286, 12.8647

Details

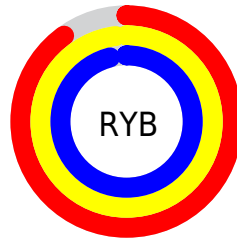
The Yxy color **91.6905, 0.3155, 0.3503** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.1865, 0.3097, 0.3081**, and the grayscale version is **89.7857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2233, 0.3155, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **87.5015, 0.3187, 0.3782**, and if you desaturate by 10%, it is **96.3952, 0.3122, 0.3252**.

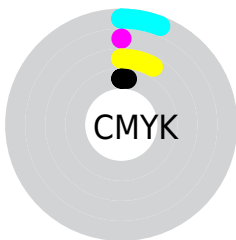
Distribution



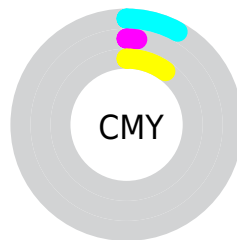
- Red (92%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (98%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)




- Cyan (8%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6905, 0.3155, 0.3503 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 91.6905, 0.3155, 0.3503 by changing the saturation by 10% instead.


 91.6905, 0.3155,
0.3503

 91.6905, 0.3155,
0.3503


533.5148, 0.3143,
0.3407

 69.3836, 0.3157,
0.3524


149.6844, 0.3151,
0.3470

 51.0242, 0.3160,
0.3550


186.1401, 0.3150,
0.3457

 36.2278, 0.3164,
0.3583


228.0809, 0.3148,
0.3446

 24.6102, 0.3168,
0.3625

275.8912, 0.3147,
0.3436

 15.7869, 0.3173,
0.3680

329.9553, 0.3146,
0.3428

 9.3735, 0.3180,
0.3758

390.6577, 0.3145,

 4.9856, 0.3188,

0.3420

0.3875

458.3827, 0.3144,
0.3413

■ 2.2388, 0.3198,
0.4068

■ 0.7410, 0.3389,
0.5090

■ 91.6905, 0.3155,
0.3503

■ 91.6905, 0.3155,
0.3503

■ 87.5015, 0.3187,
0.3782

■ 96.3952, 0.3122,
0.3252

■ 83.7989, 0.3215,
0.4086

■ 96.8602, 0.3129,
0.3243

■ 80.5679, 0.3237,
0.4410

■ 77.7887, 0.3250,
0.4741

■ 75.4399, 0.3252,
0.5063

■ 73.4983, 0.3239,
0.5358

■ 71.9382, 0.3212,
0.5604

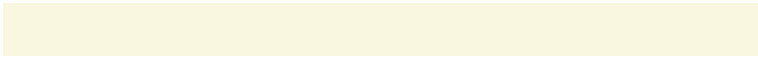
■ 70.7304, 0.3172,
0.5783

■ 69.8380, 0.3124,
0.5893

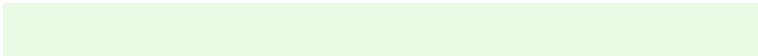
Harmonies

Analogous

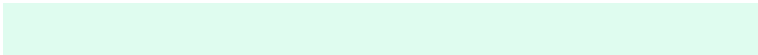
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6905, 0.3283, 0.3525



91.6905, 0.3155, 0.3503



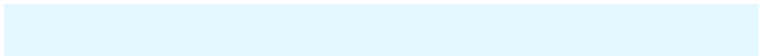
91.6905, 0.3022, 0.3420

Triad

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



91.6905, 0.3155, 0.3503



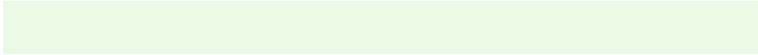
91.6905, 0.2889, 0.3096



91.6905, 0.3340, 0.3274

Complementary

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



91.6905, 0.3155, 0.3503



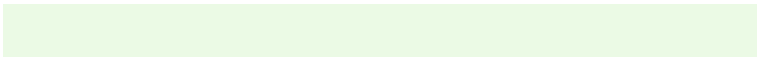
82.1865, 0.3097, 0.3081

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.



91.6905, 0.3230, 0.3165



91.6905, 0.3155, 0.3503



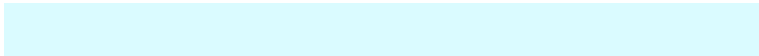
91.6905, 0.2971, 0.3063

Square

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



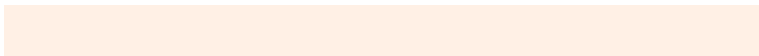
91.6905, 0.3155, 0.3503



91.6905, 0.2871, 0.3182



91.6905, 0.3095, 0.3088



91.6905, 0.3391, 0.3389

Rectangle

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



91.6905, 0.3155, 0.3503



91.6905, 0.2948, 0.3343



91.6905, 0.3095, 0.3088



91.6905, 0.3308, 0.3236

Sweetspot

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



91.6944, 0.3155, 0.3503



98.4927, 0.3137, 0.3364



90.5120, 0.3258, 0.3436



20.9970, 0.3140, 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.



91.6944, 0.3155, 0.3503



95.1646, 0.3160, 0.3546



90.9340, 0.3093, 0.3462



19.5477, 0.3159, 0.3532



37.0385, 0.3127, 0.5899



3.4815, 0.3212, 0.5832

Inverse Universe

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



82.1865, 0.3097, 0.3081



83.4486, 0.3090, 0.3040



83.0102, 0.3164, 0.3124



17.2625, 0.3092, 0.3053



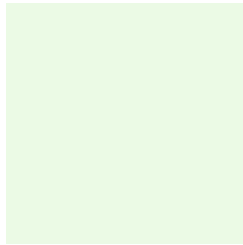
8.8233, 0.2500, 0.1151



0.8708, 0.2587, 0.1199

Previews

White Background



This preview shows how the Yxy color 91.6905, 0.3155, 0.3503 looks on a white background.

Color Contrast Check

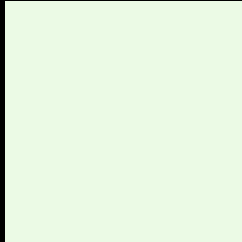
Large Text (above 18pt) WCAG AA × Fail

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 91.6905, 0.3155, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

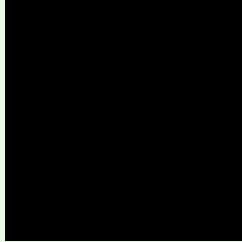
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

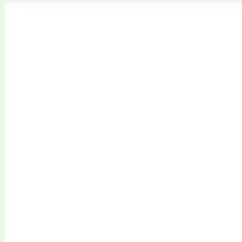
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6905, 0.3155, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 91.6905, 0.3155, 0.3503.

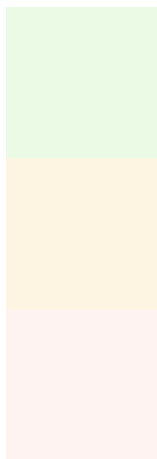


This preview shows how white text looks on a background with the Yxy color 91.6905, 0.3155, 0.3503.

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

91.6905, 0.3155, 0.3503

Protanopia

91.2632, 0.3304, 0.3467

Deuteranopia

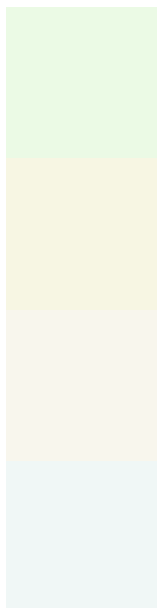
91.7121, 0.3218, 0.3310



Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.6905, 0.3155, 0.3503

Protanomaly

91.2317, 0.3249, 0.3479

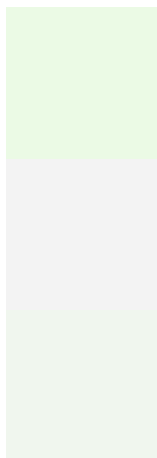
Deuteranomaly

91.9824, 0.3194, 0.3379

Tritanomaly

91.7006, 0.3089, 0.3300

Monochromacy



Original Color

91.6905, 0.3155, 0.3503

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6098, 0.3136, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6905, 0.3155, 0.3503 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(235, 250, 229)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 229)  
}
```

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(235, 250, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 229) }
```

Border

The CSS property to change the border of an element to Yxy 91.6905, 0.3155, 0.3503 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(235, 250, 229) }
```

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

```
.border{ border-color:rgb(235, 250, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6905, 0.3155, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 229) }
```

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

```
.background{ background-color: rgb(235,  
250, 229) }
```

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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