

Converting Colors

Yxy(91.9754, 0.3116, 0.3399)

Have a look what the booklet for
Yxy(91.9754, 0.3116, 0.3399)
contains.

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Color

Yxy(91.9289, 0.3116, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	EDF9EE
RGB	237, 249, 238
RGB Percent	93%, 98%, 93%
CMY	0.0703, 0.0236, 0.0666
CMYK	0.05, 0.00, 0.04, 0.02
HSL	125°, 50%, 95%
HSV	125°, 5%, 98%
XYZ	84.2501, 91.9289, 94.2001
YIQ	244.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

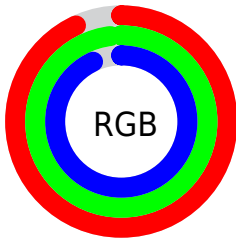
Format	Color
R _Y B	237, 248, 249
Decimal	15596014
CIE Lab	96.79, -5.87, 3.90
CIE LCh	97, 7.043, 146.422
Yxy	91.9289, 0.3116, 0.3400
Android (android.graphics.Color)	4293786094 (0xFFEDF9EE)
YUV	244.1580, -3.0359, -6.2776
Hunter-Lab	95.8796, -10.9399, 8.8642

Details

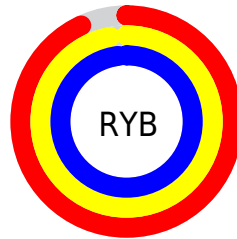
The Yxy color **91.9289, 0.3116, 0.3400** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.5230, 0.3138, 0.3182**, and the grayscale version is **90.6371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3411, 0.3112, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **86.6761, 0.3092, 0.3654**, and if you desaturate by 10%, it is **96.2234, 0.3130, 0.3233**.

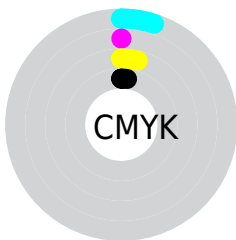
Distribution



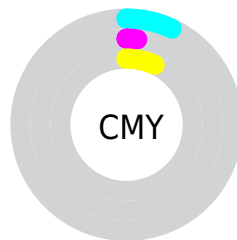
- Red (93%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9289, 0.3116, 0.3400 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 91.9289, 0.3116, 0.3400 by changing the saturation by 10% instead.


 91.9289, 0.3116,
0.3400

 91.9289, 0.3116,
0.3400


534.2857, 0.3121,
0.3351

 69.5816, 0.3115,
0.3411


150.0148, 0.3118,
0.3383

 51.1855, 0.3113,
0.3424


186.5223, 0.3118,
0.3377

 36.3563, 0.3112,
0.3441

228.5185, 0.3119,
0.3371

 24.7095, 0.3109,
0.3462

276.3879, 0.3120,
0.3366

 15.8607, 0.3106,
0.3490

330.5150, 0.3120,
0.3362

 9.4257, 0.3101,
0.3529

391.2840, 0.3120,

 5.0198, 0.3094,

0.3358

0.3587

459.0795, 0.3121,
0.3354

■ 2.2589, 0.3082,
0.3682

■ 0.7518, 0.3056,
0.4022

■ 91.9289, 0.3116,
0.3400

■ 91.9289, 0.3116,
0.3400

■ 86.6761, 0.3092,
0.3654

■ 96.2234, 0.3130,
0.3233

■ 82.1553, 0.3067,
0.3939

■ 78.3374, 0.3042,
0.4253

■ 75.1871, 0.3019,
0.4587

■ 72.6660, 0.2999,
0.4928

■ 70.7317, 0.2985,
0.5254

■ 69.3366, 0.2978,
0.5540

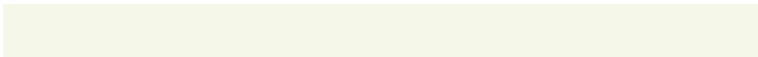
■ 68.4256, 0.2978,
0.5765

■ 67.9316, 0.2985,
0.5913

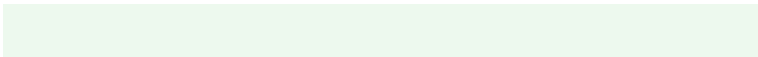
Harmonies

Analogous

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



91.9289, 0.3194, 0.3426



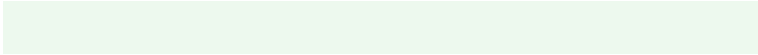
91.9289, 0.3116, 0.3400



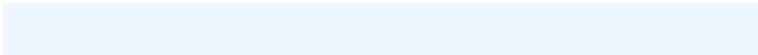
91.9289, 0.3042, 0.3343

Triad

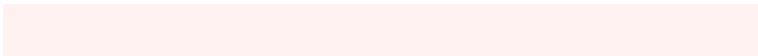
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9289, 0.3116, 0.3400



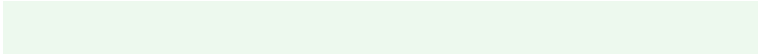
91.9289, 0.3001, 0.3165



91.9289, 0.3266, 0.3306

Complementary

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



91.9289, 0.3116, 0.3400



87.5230, 0.3138, 0.3182

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.



91.9289, 0.3213, 0.3238



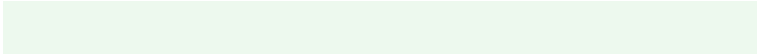
91.9289, 0.3116, 0.3400



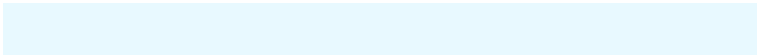
91.9289, 0.3059, 0.3157

Square

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



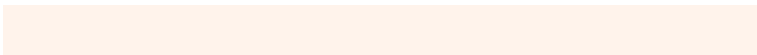
91.9289, 0.3116, 0.3400



91.9289, 0.2975, 0.3207



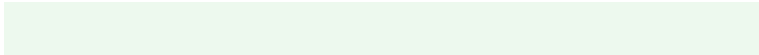
91.9289, 0.3137, 0.3184



91.9289, 0.3281, 0.3371

Rectangle

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



91.9289, 0.3116, 0.3400



91.9289, 0.3004, 0.3296



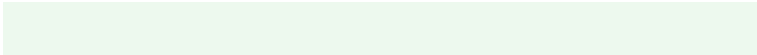
91.9289, 0.3137, 0.3184



91.9289, 0.3252, 0.3283

Sweetspot

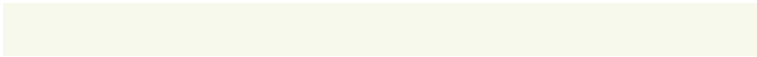
The Sweet Spot groups the original color and five complimentary colors.



91.9328, 0.3116, 0.3400



99.3693, 0.3125, 0.3312



93.8533, 0.3193, 0.3407



21.2758, 0.3125, 0.3311



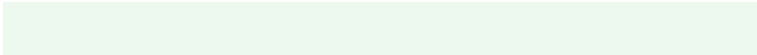
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.9328, 0.3116, 0.3400



96.3386, 0.3113, 0.3429



92.2799, 0.3082, 0.3341



19.6635, 0.3112, 0.3445



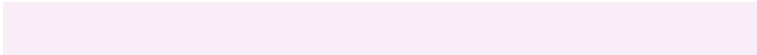
36.3007, 0.2986, 0.5949



3.3695, 0.2954, 0.5834

Inverse Universe

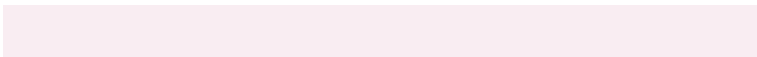
The Inverse Universe completely reimagines the original color for something new.



87.5230, 0.3138, 0.3182



90.5457, 0.3141, 0.3155



87.1679, 0.3174, 0.3239



18.3557, 0.3143, 0.3140



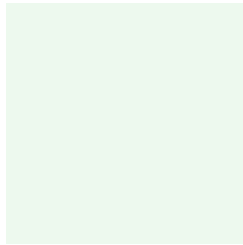
13.8253, 0.3420, 0.1657



1.2873, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 91.9289, 0.3116, 0.3400 looks on a white background.

Color Contrast Check

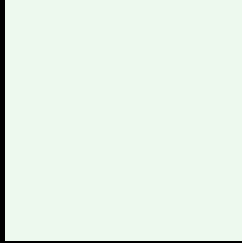
Large Text (above 18pt) WCAG AA × Fail

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 91.9289, 0.3116, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

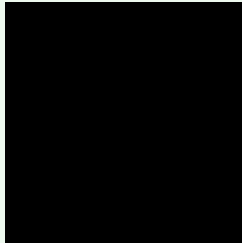
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

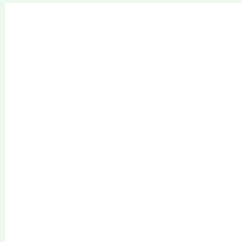
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9289, 0.3116, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 91.9289, 0.3116, 0.3400.

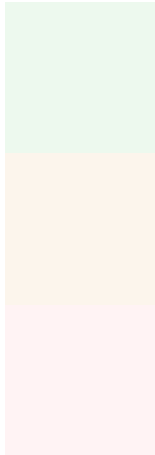


This preview shows how white text looks on a background with the Yxy color 91.9289, 0.3116, 0.3400.

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

91.9289, 0.3116, 0.3400

Protanopia

92.0564, 0.3227, 0.3378

Deuteranopia

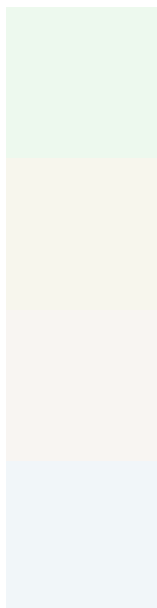
91.8928, 0.3199, 0.3281



Tritanopia

91.5795, 0.3055, 0.3192

Trichromacy



Original Color

91.9289, 0.3116, 0.3400

Protanomaly

91.8001, 0.3188, 0.3379

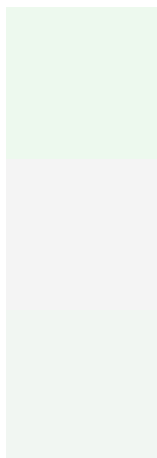
Deuteranomaly

91.6721, 0.3165, 0.3320

Tritanomaly

91.4519, 0.3078, 0.3260

Monochromacy



Original Color

91.9289, 0.3116, 0.3400

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0231, 0.3119, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9289, 0.3116, 0.3400 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, 249, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 249, 238)  
}
```

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, 249, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 238) }
```

Border

The CSS property to change the border of an element to Yxy 91.9289, 0.3116, 0.3400 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, 249, 238) }
```

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

```
.border{ border-color:rgb(237, 249, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 249, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 249, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 249, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 249,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9289, 0.3116, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 249, 238) }
```

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

```
.background{ background-color: rgb(237,  
249, 238) }
```

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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