

Converting Colors

$Yxy(91.1921, 0.3056, 0.3313)$

Have a look what the booklet for
Yxy(91.1921, 0.3056, 0.3313)
contains.

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Color

Yxy(91.2198, 0.3056, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	EAF8F5
RGB	234, 248, 245
RGB Percent	92%, 97%, 96%
CMY	0.0826, 0.0274, 0.0392
CMYK	0.06, 0.00, 0.01, 0.03
HSL	167°, 50%, 95%
HSV	167°, 6%, 97%
XYZ	83.9662, 91.2198, 99.5725
YIQ	243.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

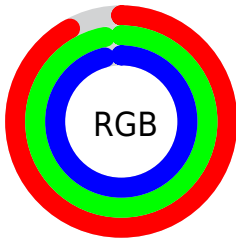
Format	Color
R _Y B	234, 242, 248
Decimal	15399157
CIE Lab	96.50, -5.15, -0.16
CIE LCh	97, 5.157, 181.804
Yxy	91.2198, 0.3056, 0.3320
Android (android.graphics.Color)	4293589237 (0xFFEAF8F5)
YUV	243.4720, 0.7533, -8.3069
Hunter-Lab	95.5091, -10.2137, 5.0439

Details

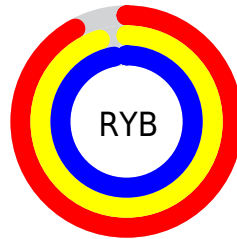
The Yxy color **91.2198, 0.3056, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8838, 0.3203, 0.3260**, and the grayscale version is **90.0173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8384, 0.3037, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **86.9971, 0.2934, 0.3377**, and if you desaturate by 10%, it is **95.3304, 0.3158, 0.3268**.

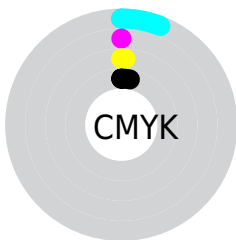
Distribution



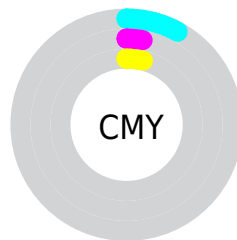
- Red (92%)
- Green (97%)
- Blue (96%)



- Red (92%)
- Yellow (95%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)





- Cyan (8%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2198, 0.3056, 0.3320 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 91.2198, 0.3056, 0.3320 by changing the saturation by 10% instead.

 91.2198, 0.3056,
0.3320

 91.2198, 0.3056,
0.3320

531.9909, 0.3088,
0.3307

 68.9928, 0.3049,
0.3323


149.0316, 0.3067,
0.3316

 50.7058, 0.3041,
0.3326


185.3852, 0.3071,
0.3314

 35.9746, 0.3030,
0.3331


227.2164, 0.3075,
0.3312

 24.4145, 0.3017,
0.3336

274.9096, 0.3078,
0.3311

 15.6414, 0.2999,
0.3344

328.8493, 0.3081,
0.3310

 9.2708, 0.2975,
0.3354

389.4198, 0.3083,

 4.9182, 0.2939,

0.3309

0.3369

457.0055, 0.3086,
0.3308

■ 2.1994, 0.2881,
0.3392

■ 0.7196, 0.2693,
0.3472

■ 91.2198, 0.3056,
0.3320

■ 91.2198, 0.3056,
0.3320

■ 86.9971, 0.2934,
0.3377

■ 95.3304, 0.3158,
0.3268

■ 83.3431, 0.2820,
0.3440

■ 95.6284, 0.3130,
0.3223

■ 80.2355, 0.2716,
0.3507

■ 77.6463, 0.2625,
0.3579

■ 75.5449, 0.2550,
0.3655

■ 73.8973, 0.2493,
0.3733

■ 72.6654, 0.2456,
0.3812

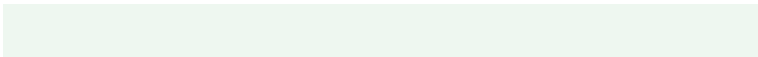
■ 71.8044, 0.2439,
0.3892

■ 71.2590, 0.2441,
0.3970

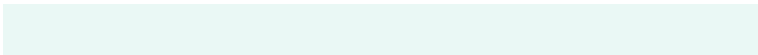
Harmonies

Analogous

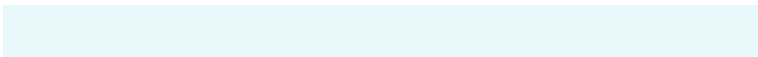
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2198, 0.3109, 0.3364



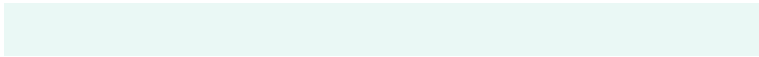
91.2198, 0.3056, 0.3320



91.2198, 0.3022, 0.3268

Triad

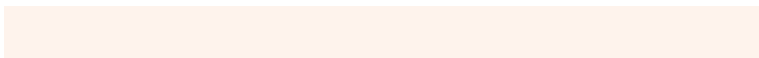
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2198, 0.3056, 0.3320



91.2198, 0.3087, 0.3194



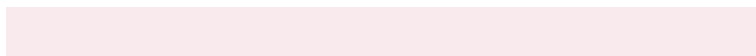
91.2198, 0.3239, 0.3357

Complementary

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



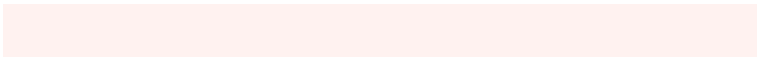
91.2198, 0.3056, 0.3320



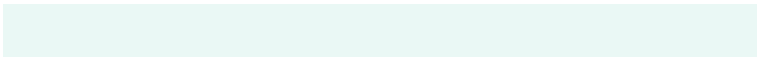
84.8838, 0.3203, 0.3260

Split Complementary

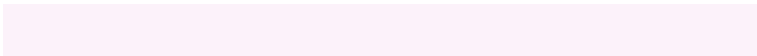
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2198, 0.3233, 0.3311



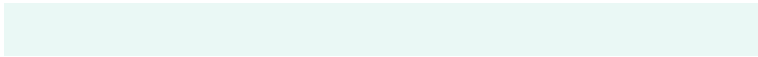
91.2198, 0.3056, 0.3320



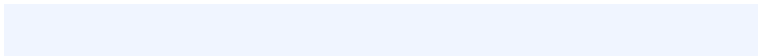
91.2198, 0.3145, 0.3218

Square

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



91.2198, 0.3056, 0.3320



91.2198, 0.3040, 0.3196



91.2198, 0.3199, 0.3260



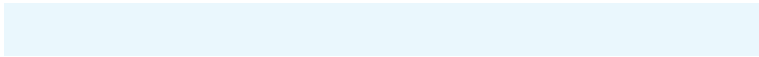
91.2198, 0.3215, 0.3385

Rectangle

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



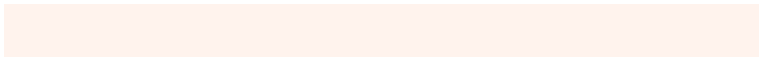
91.2198, 0.3056, 0.3320



91.2198, 0.3015, 0.3236



91.2198, 0.3199, 0.3260



91.2198, 0.3241, 0.3343

Sweetspot

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



91.2237, 0.3056, 0.3320



98.9754, 0.3102, 0.3300



91.0884, 0.3140, 0.3432



21.1955, 0.3103, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

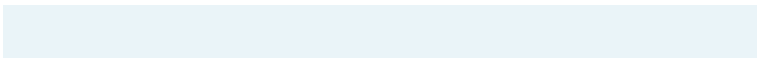
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2237, 0.3056, 0.3320



96.5267, 0.3039, 0.3327



88.9817, 0.3039, 0.3250



19.7216, 0.3032, 0.3331



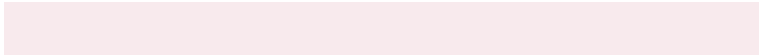
38.4140, 0.2442, 0.3992



3.5731, 0.2416, 0.3897

Inverse Universe

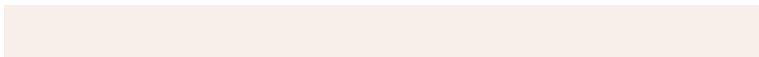
The Inverse Universe completely reimagines the original color for something new.



84.8838, 0.3203, 0.3260



88.2644, 0.3223, 0.3253



87.0059, 0.3219, 0.3330



17.8938, 0.3231, 0.3250



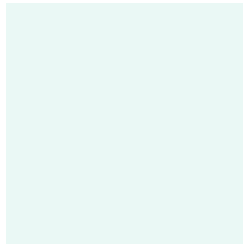
10.9364, 0.6040, 0.3101



1.0278, 0.5719, 0.2924

Previews

White Background



This preview shows how the Yxy color 91.2198, 0.3056, 0.3320 looks on a white background.

Color Contrast Check

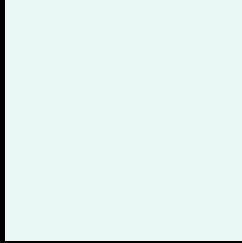
Large Text (above 18pt) WCAG AA × Fail

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 91.2198, 0.3056, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

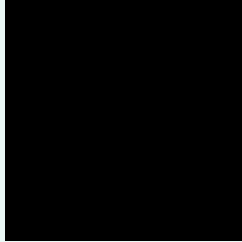
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

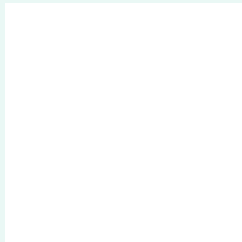
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2198, 0.3056, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 91.2198, 0.3056, 0.3320.

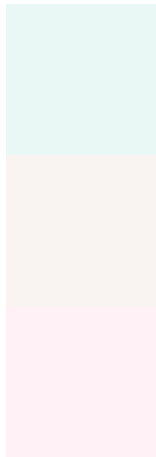


This preview shows how white text looks on a background with the Yxy color 91.2198, 0.3056, 0.3320.

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

91.2198, 0.3056, 0.3320

Protanopia

91.2519, 0.3172, 0.3310

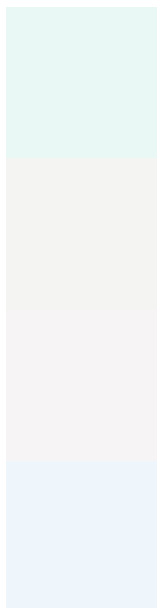
Deuteranopia

90.8244, 0.3188, 0.3242

Tritanopia

91.2256, 0.3043, 0.3192

Trichromacy



Original Color

91.2198, 0.3056, 0.3320

Protanomaly

91.0090, 0.3133, 0.3310

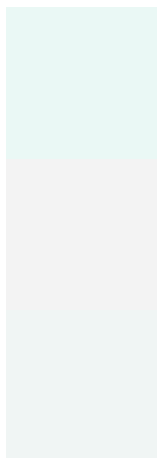
Deuteranomaly

91.1293, 0.3135, 0.3270

Tritanomaly

91.0537, 0.3047, 0.3240

Monochromacy



Original Color

91.2198, 0.3056, 0.3320

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3617, 0.3101, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2198, 0.3056, 0.3320 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(234, 248, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 248, 245)  
}
```

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(234, 248, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 248, 245) }
```

Border

The CSS property to change the border of an element to Yxy 91.2198, 0.3056, 0.3320 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(234, 248, 245) }
```

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

```
.border{ border-color:rgb(234, 248, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 248, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 248, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 248, 245); box-shadow:4px 4px 4px 4px rgb(234, 248, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2198, 0.3056, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 248, 245) }
```

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

```
.background{ background-color: rgb(234,  
248, 245) }
```

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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