

Converting Colors

$Yxy(91.7275, 0.3082, 0.3353)$

Have a look what the booklet for
Yxy(91.7275, 0.3082, 0.3353)
contains.

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Color

Yxy(91.9950, 0.3086, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	ECF9F2
RGB	236, 249, 242
RGB Percent	93%, 98%, 95%
CMY	0.0745, 0.0235, 0.0510
CMYK	0.05, 0.00, 0.03, 0.02
HSL	148°, 52%, 95%
HSV	148°, 5%, 98%
XYZ	84.4930, 91.9950, 97.3066
YIQ	244.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

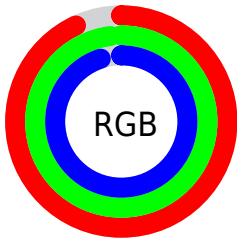
Format	Color
R _Y B	236, 245, 249
Decimal	15530482
CIE Lab	96.82, -5.52, 1.87
CIE LCh	97, 5.831, 161.300
Yxy	91.9950, 0.3086, 0.3360
Android (android.graphics.Color)	4293720562 (0xFFE9CF9F)
YUV	244.3150, -1.1413, -7.2923
Hunter-Lab	95.9140, -10.6045, 6.9890

Details

The Yxy color **91.9950, 0.3086, 0.3360** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.6007, 0.3170, 0.3221**, and the grayscale version is **90.7467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3884, 0.3075, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **87.2532, 0.3008, 0.3506**, and if you desaturate by 10%, it is **96.2360, 0.3130, 0.3233**.

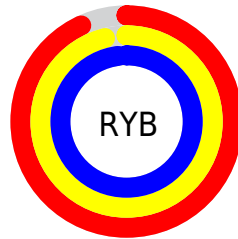
Distribution



Red (93%)

Green (98%)

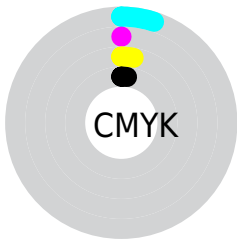
Blue (95%)



Red (93%)

Yellow (96%)

Blue (98%)

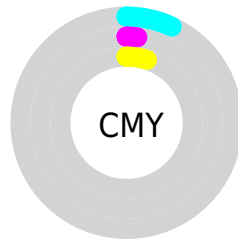


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (2%)



Cyan (7%)


Magenta (2%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9950, 0.3086, 0.3360 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 91.9950, 0.3086, 0.3360 by changing the saturation by 10% instead.


 91.9950, 0.3086,
0.3360

 91.9950, 0.3086,
0.3360


534.4994, 0.3104,
0.3329

 69.6365, 0.3082,
0.3367


150.1065, 0.3092,
0.3349

 51.2302, 0.3077,
0.3375


186.6282, 0.3095,
0.3345

 36.3919, 0.3071,
0.3386


228.6398, 0.3097,
0.3342

 24.7370, 0.3063,
0.3399

276.5256, 0.3099,
0.3338

 15.8812, 0.3053,
0.3417

330.6701, 0.3100,
0.3336

 9.4401, 0.3038,
0.3441

391.4576, 0.3102,

 5.0294, 0.3017,

0.3333

0.3477

459.2726, 0.3103,
0.3331

■ 2.2645, 0.2983,
0.3536

■ 0.7548, 0.2872,
0.3721

■ 91.9950, 0.3086,
0.3360

■ 91.9950, 0.3086,
0.3360

■ 87.2532, 0.3008,
0.3506

■ 96.2360, 0.3130,
0.3233

■ 83.1350, 0.2934,
0.3670

■ 79.6170, 0.2865,
0.3849

■ 76.6696, 0.2806,
0.4043

■ 74.2607, 0.2759,
0.4248

■ 72.3549, 0.2728,
0.4461

■ 70.9124, 0.2716,
0.4675

■ 69.8868, 0.2724,
0.4883

■ 69.2215, 0.2751,
0.5079

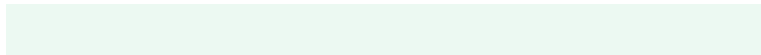
Harmonies

Analogous

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



91.9950, 0.3151, 0.3396



91.9950, 0.3086, 0.3360



91.9950, 0.3032, 0.3305

Triad

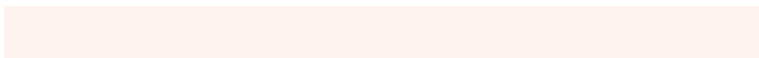
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9950, 0.3086, 0.3360



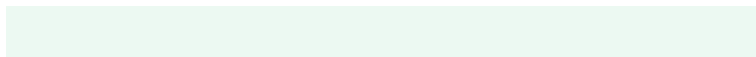
91.9950, 0.3044, 0.3180



91.9950, 0.3253, 0.3331

Complementary

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



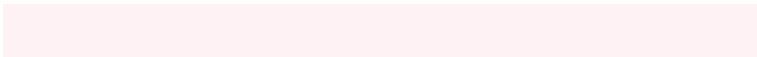
91.9950, 0.3086, 0.3360



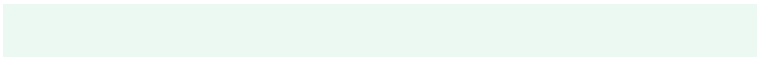
86.6007, 0.3170, 0.3221

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.



91.9950, 0.3223, 0.3274



91.9950, 0.3086, 0.3360



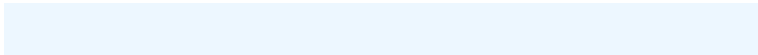
91.9950, 0.3102, 0.3187

Square

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



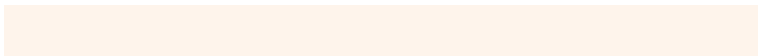
91.9950, 0.3086, 0.3360



91.9950, 0.3008, 0.3201



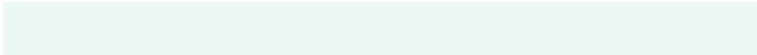
91.9950, 0.3168, 0.3222



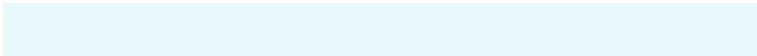
91.9950, 0.3248, 0.3378

Rectangle

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



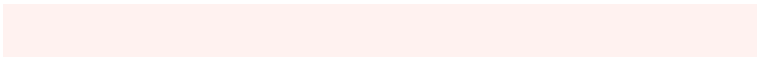
91.9950, 0.3086, 0.3360



91.9950, 0.3010, 0.3266



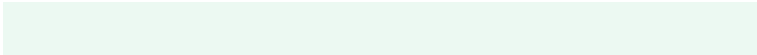
91.9950, 0.3168, 0.3222



91.9950, 0.3246, 0.3313

Sweetspot

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



91.9989, 0.3086, 0.3360



98.8699, 0.3111, 0.3316



92.8936, 0.3167, 0.3419



21.1741, 0.3112, 0.3315



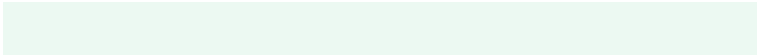
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

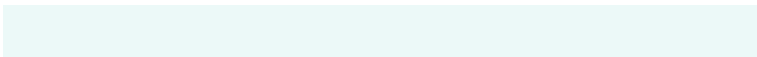
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9989, 0.3086, 0.3360



96.6934, 0.3080, 0.3371



92.3876, 0.3049, 0.3296



19.7434, 0.3075, 0.3380



36.9556, 0.2760, 0.5138



3.4439, 0.2697, 0.4910

Inverse Universe

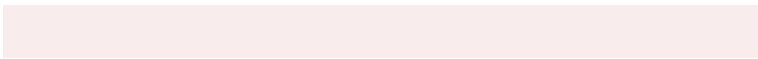
The Inverse Universe completely reimagines the original color for something new.



86.6007, 0.3170, 0.3221



90.1772, 0.3177, 0.3210



86.2232, 0.3210, 0.3284



18.2723, 0.3183, 0.3202



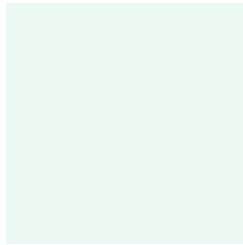
11.7323, 0.4799, 0.2417



1.1080, 0.4556, 0.2284

Previews

White Background



This preview shows how the Yxy color 91.9950, 0.3086, 0.3360 looks on a white background.

Color Contrast Check

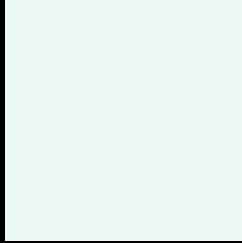
Large Text (above 18pt) WCAG AA × Fail

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 91.9950, 0.3086, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

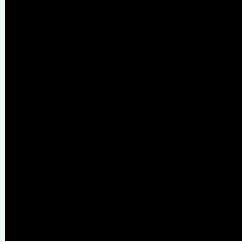
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

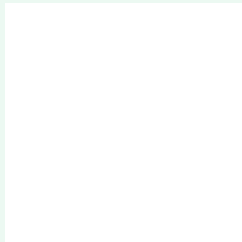
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9950, 0.3086, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 91.9950, 0.3086, 0.3360.

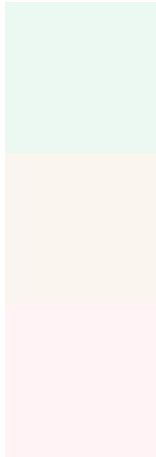


This preview shows how white text looks on a background with the Yxy color 91.9950, 0.3086, 0.3360.

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

91.9950, 0.3086, 0.3360

Protanopia

92.0460, 0.3202, 0.3349

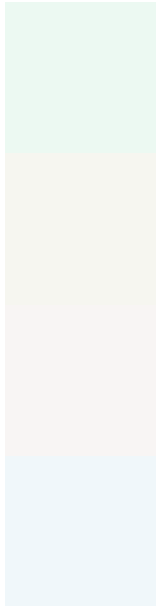
Deuteranopia

91.9538, 0.3193, 0.3271

Tritanopia

92.1862, 0.3055, 0.3202

Trichromacy



Original Color

91.9950, 0.3086, 0.3360

Protanomaly

91.7956, 0.3163, 0.3349

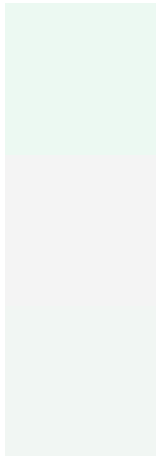
Deuteranomaly

91.7929, 0.3152, 0.3300

Tritanomaly

91.9489, 0.3065, 0.3260

Monochromacy



Original Color

91.9950, 0.3086, 0.3360

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0834, 0.3113, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9950, 0.3086, 0.3360 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, 249, 242)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 242)  
}
```

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, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 242) }
```

Border

The CSS property to change the border of an element to Yxy 91.9950, 0.3086, 0.3360 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, 249, 242) }
```

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

```
.border{ border-color:rgb(236, 249, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 249,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9950, 0.3086, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 242) }
```

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

```
.background{ background-color: rgb(236,  
249, 242) }
```

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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