

Converting Colors

$Yxy(91.0560, 0.3244, 0.3563)$

Have a look what the booklet for
Yxy(91.0560, 0.3244, 0.3563)
contains.

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Color

Yxy(91.0560, 0.3244, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	F1F8DD
RGB	241, 248, 221
RGB Percent	95%, 97%, 87%
CMY	0.0547, 0.0275, 0.1334
CMYK	0.03, 0.00, 0.11, 0.03
HSL	75°, 66%, 92%
HSV	75°, 11%, 97%
XYZ	82.9036, 91.0560, 81.6003
YIQ	242.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

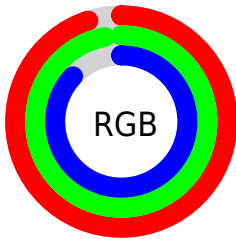
Format	Color
R _Y B	221, 248, 228
Decimal	15857885
CIE Lab	96.43, -6.90, 12.18
CIE LCh	96, 14.000, 119.510
Yxy	91.0560, 0.3244, 0.3563
Android (android.graphics.Color)	4294047965 (0xFFFF1F8DD)
YUV	242.8290, -10.7617, -1.6040
Hunter-Lab	95.4233, -11.9101, 16.0950

Details

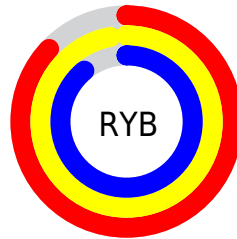
The Yxy color **91.0560, 0.3244, 0.3563** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.9645, 0.3002, 0.3010**, and the grayscale version is **89.5758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7667, 0.3268, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **88.7308, 0.3352, 0.3828**, and if you desaturate by 10%, it is **93.6237, 0.3137, 0.3312**.

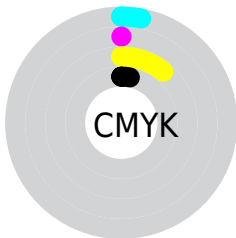
Distribution



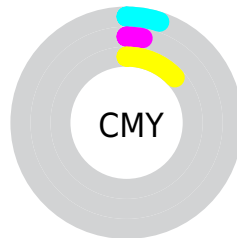
- Red (95%)
- Green (97%)
- Blue (87%)



- Red (87%)
- Yellow (97%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)




- Cyan (5%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0560, 0.3244, 0.3563 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 91.0560, 0.3244, 0.3563 by changing the saturation by 10% instead.


 91.0560, 0.3244,
0.3563

 91.0560, 0.3244,
0.3563

531.4600, 0.3193,
0.3440

 68.8568, 0.3255,
0.3590

148.8044, 0.3227,
0.3521

 50.5951, 0.3268,
0.3624


185.1223, 0.3220,
0.3505

 35.8865, 0.3285,
0.3665


226.9153, 0.3214,
0.3490

 24.3465, 0.3305,
0.3719

274.5678, 0.3209,
0.3478

 15.5909, 0.3332,
0.3790

328.4641, 0.3204,
0.3467

 9.2351, 0.3368,
0.3889

388.9887, 0.3200,

 4.8949, 0.3419,

0.3457

0.4037

456.5258, 0.3196,
0.3448

■ 2.1857, 0.3494,
0.4278

■ 0.7122, 0.4166,
0.5834

■ 91.0560, 0.3244,
0.3563

■ 91.0560, 0.3244,
0.3563

■ 88.7308, 0.3352,
0.3828

■ 93.6237, 0.3137,
0.3312

■ 86.6273, 0.3457,
0.4101

■ 95.3856, 0.3123,
0.3223

■ 84.7399, 0.3555,
0.4373

■ 95.6115, 0.3130,
0.3223

■ 83.0583, 0.3640,
0.4634

■ 81.5711, 0.3707,
0.4873

■ 80.2657, 0.3751,
0.5077

■ 79.1277, 0.3770,
0.5237

■ 78.1399, 0.3762,
0.5350

■ 77.3462, 0.3737,
0.5415

Harmonies

Analogous

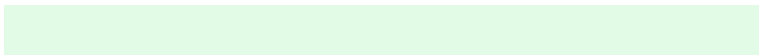
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0560, 0.3372, 0.3545



91.0560, 0.3244, 0.3563



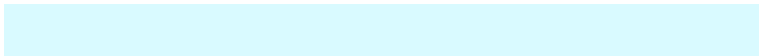
91.0560, 0.3087, 0.3503

Triad

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



91.0560, 0.3244, 0.3563



91.0560, 0.2829, 0.3111



91.0560, 0.3312, 0.3199

Complementary

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



91.0560, 0.3244, 0.3563



74.9645, 0.3002, 0.3010

Split Complementary

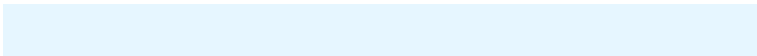
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0560, 0.3162, 0.3090



91.0560, 0.3244, 0.3563



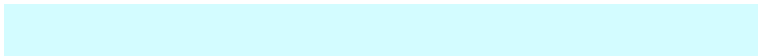
91.0560, 0.2885, 0.3038

Square

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



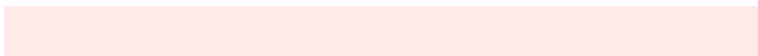
91.0560, 0.3244, 0.3563



91.0560, 0.2850, 0.3236



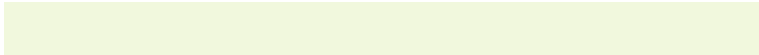
91.0560, 0.3006, 0.3031



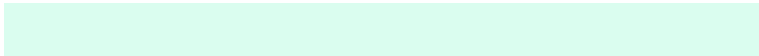
91.0560, 0.3412, 0.3333

Rectangle

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



91.0560, 0.3244, 0.3563



91.0560, 0.2987, 0.3427



91.0560, 0.3006, 0.3031



91.0560, 0.3265, 0.3158

Sweetspot

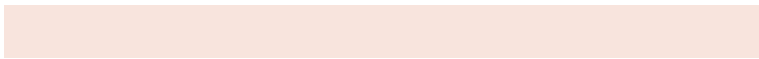
The Sweet Spot groups the original color and five complimentary colors.



91.0600, 0.3244, 0.3563



99.1457, 0.3159, 0.3363



80.5172, 0.3314, 0.3359



21.1732, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



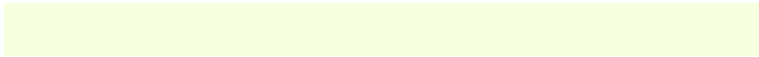
21.4041, 0.3127, 0.3290

Same Dimension

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



91.0600, 0.3244, 0.3563



96.4642, 0.3267, 0.3618



88.8020, 0.3157, 0.3570



19.9529, 0.3229, 0.3527



41.8553, 0.3744, 0.5409



3.9272, 0.3800, 0.5365

Inverse Universe

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



74.9645, 0.3002, 0.3010



76.2685, 0.2975, 0.2951



77.2249, 0.3093, 0.3018



16.8588, 0.3019, 0.3048



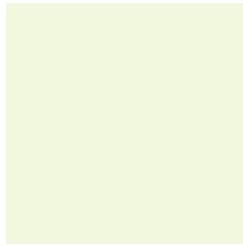
4.3028, 0.1652, 0.0683



0.4470, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 91.0560, 0.3244, 0.3563 looks on a white background.

Color Contrast Check

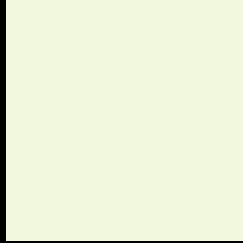
Large Text (above 18pt) WCAG AA × Fail

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 91.0560, 0.3244, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

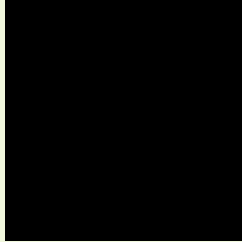
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

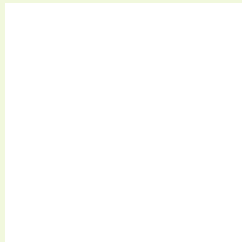
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0560, 0.3244, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 91.0560, 0.3244, 0.3563.

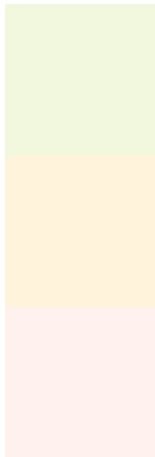


This preview shows how white text looks on a background with the Yxy color 91.0560, 0.3244, 0.3563.

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

91.0560, 0.3244, 0.3563

Protanopia

91.0758, 0.3354, 0.3537

Deuteranopia

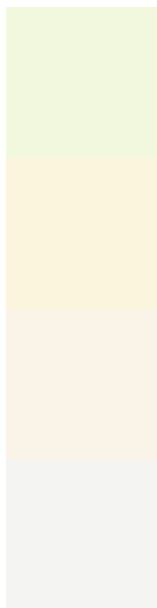
90.9373, 0.3237, 0.3329



Tritanopia

90.9140, 0.3075, 0.3173

Trichromacy



Original Color

91.0560, 0.3244, 0.3563

Protanomaly

90.7961, 0.3313, 0.3539

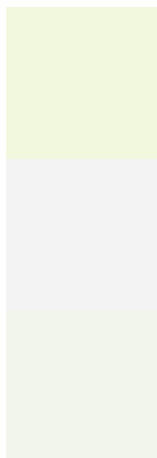
Deuteranomaly

90.8516, 0.3240, 0.3409

Tritanomaly

91.0090, 0.3133, 0.3310

Monochromacy



Original Color

91.0560, 0.3244, 0.3563

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.1802, 0.3168, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0560, 0.3244, 0.3563 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(241, 248, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 248, 221)  
}
```

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(241, 248, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 248, 221) }
```

Border

The CSS property to change the border of an element to Yxy 91.0560, 0.3244, 0.3563 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(241, 248, 221) }
```

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

```
.border{ border-color:rgb(241, 248, 221) }
```

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

Here you see how a box with a 4 pixel rgb(241, 248, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 248, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 248, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 248,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0560, 0.3244, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 248, 221) }
```

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

```
.background{ background-color: rgb(241,  
248, 221) }
```

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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