

Converting Colors

$Yxy(92.4837, 0.3203, 0.3585)$

Have a look what the booklet for
Yxy(92.4837, 0.3203, 0.3585)
contains.

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Color

Yxy(92.2728, 0.3209, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	EDFBDE
RGB	237, 251, 222
RGB Percent	93%, 98%, 87%
CMY	0.0704, 0.0157, 0.1294
CMYK	0.06, 0.00, 0.12, 0.02
HSL	89°, 78%, 93%
HSV	89°, 12%, 98%
XYZ	82.6181, 92.2728, 82.5666
YIQ	243.5080, 0.9650, -11.9870

Conversions

Conversions Part 2

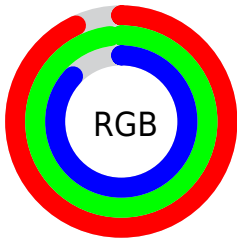
Format	Color
R _Y B	222, 251, 236
Decimal	15596510
CIE Lab	96.93, -9.59, 12.33
CIE LCh	97, 15.623, 127.889
Yxy	92.2728, 0.3209, 0.3584
Android (android.graphics.Color)	4293786590 (0xFFEDFBDE)
YUV	243.5080, -10.6034, -5.7075
Hunter-Lab	96.0587, -14.5786, 16.2788

Details

The Yxy color **92.2728, 0.3209, 0.3584** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.0362, 0.3037, 0.2996**, and the grayscale version is **90.1469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1974, 0.3224, 0.3642** is the 20% darker color. If you saturate the color by 10%, you get **89.0193, 0.3279, 0.3861**, and if you desaturate by 10%, it is **95.8747, 0.3138, 0.3328**.

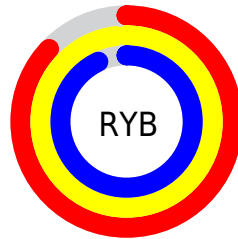
Distribution



Red (93%)

Green (98%)

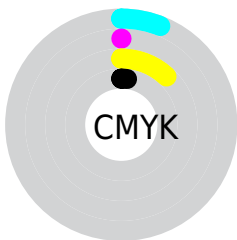
Blue (87%)



Red (87%)

Yellow (98%)

Blue (93%)

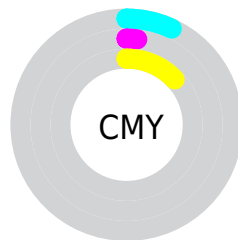


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (2%)



Cyan (7%)


Magenta (2%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2728, 0.3209, 0.3584 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 92.2728, 0.3209, 0.3584 by changing the saturation by 10% instead.


 92.2728, 0.3209,
0.3584

 92.2728, 0.3209,
0.3584


535.3968, 0.3174,
0.3452

 69.8672, 0.3216,
0.3613


150.4914, 0.3197,
0.3539

 51.4183, 0.3225,
0.3649

187.0733, 0.3193,
0.3521

 36.5416, 0.3236,
0.3694


229.1494, 0.3188,
0.3505

 24.8528, 0.3250,
0.3752

277.1040, 0.3185,
0.3492

 15.9674, 0.3267,
0.3829

331.3217, 0.3182,
0.3480

 9.5011, 0.3290,
0.3937

392.1868, 0.3179,

 5.0694, 0.3320,

0.3470

0.4098

460.0837, 0.3176,
0.3460

■ 2.2881, 0.3360,
0.4361

■ 0.7674, 0.3922,
0.6078

■ 92.2728, 0.3209,
0.3584

■ 92.2728, 0.3209,
0.3584

■ 89.0193, 0.3279,
0.3861

■ 95.8747, 0.3138,
0.3328

■ 86.0907, 0.3344,
0.4153

■ 97.4704, 0.3129,
0.3252

■ 83.4787, 0.3402,
0.4452

■ 81.1700, 0.3446,
0.4749

■ 79.1503, 0.3474,
0.5028

■ 77.4040, 0.3480,
0.5274

■ 75.9130, 0.3464,
0.5474

■ 74.6567, 0.3425,
0.5617

■ 73.7524, 0.3379,
0.5699

Harmonies

Analogous

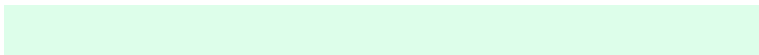
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2728, 0.3365, 0.3588



92.2728, 0.3209, 0.3584



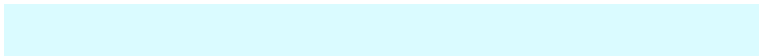
92.2728, 0.3034, 0.3495

Triad

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



92.2728, 0.3209, 0.3584



92.2728, 0.2805, 0.3061



92.2728, 0.3371, 0.3229

Complementary

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



92.2728, 0.3209, 0.3584



77.0362, 0.3037, 0.2996

Split Complementary

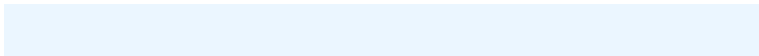
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2728, 0.3215, 0.3098



92.2728, 0.3209, 0.3584



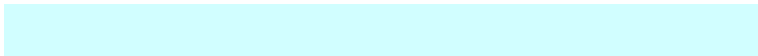
92.2728, 0.2890, 0.3001

Square

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



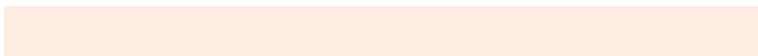
92.2728, 0.3209, 0.3584



92.2728, 0.2805, 0.3187



92.2728, 0.3038, 0.3015



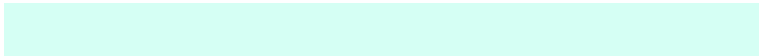
92.2728, 0.3461, 0.3378

Rectangle

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



92.2728, 0.3209, 0.3584



92.2728, 0.2931, 0.3400



92.2728, 0.3038, 0.3015



92.2728, 0.3324, 0.3181

Sweetspot

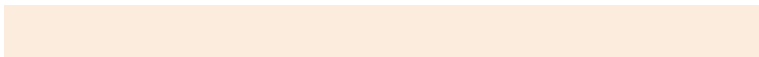
The Sweet Spot groups the original color and five complimentary colors.



92.2768, 0.3209, 0.3584



98.8255, 0.3148, 0.3364



85.5053, 0.3319, 0.3426



21.0867, 0.3154, 0.3384



0.0000, 0.0000, 0.0000



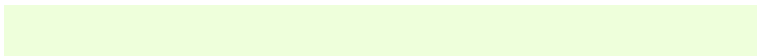
21.4041, 0.3127, 0.3290

Same Dimension

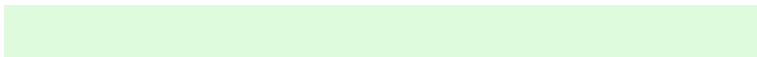
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2768, 0.3209, 0.3584



94.7962, 0.3226, 0.3650



89.9484, 0.3119, 0.3592



19.7521, 0.3194, 0.3530



38.8568, 0.3391, 0.5690



3.6619, 0.3479, 0.5619

Inverse Universe

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



77.0362, 0.3037, 0.2996



75.9549, 0.3016, 0.2929



79.5399, 0.3134, 0.3004



17.0528, 0.3055, 0.3050



5.8757, 0.1986, 0.0868



0.6069, 0.2116, 0.0939

Previews

White Background



This preview shows how the Yxy color 92.2728, 0.3209, 0.3584 looks on a white background.

Color Contrast Check

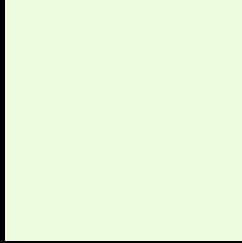
Large Text (above 18pt) WCAG AA × Fail

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 92.2728, 0.3209, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

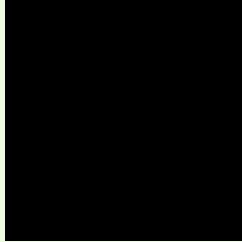
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

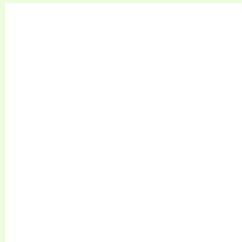
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2728, 0.3209, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 92.2728, 0.3209, 0.3584.

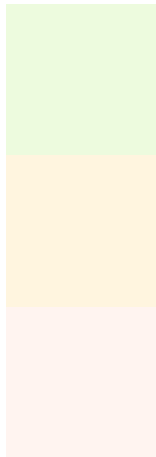


This preview shows how white text looks on a background with the Yxy color 92.2728, 0.3209, 0.3584.

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

92.2728, 0.3209, 0.3584

Protanopia

91.8925, 0.3328, 0.3507

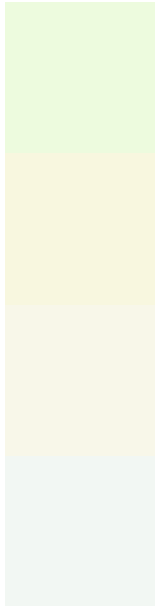
Deuteranopia

92.2526, 0.3223, 0.3329

Tritanopia

91.9373, 0.3068, 0.3192

Trichromacy



Original Color

92.2728, 0.3209, 0.3584

Protanomaly

91.8057, 0.3279, 0.3529

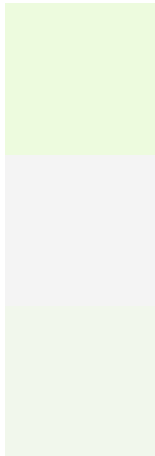
Deuteranomaly

92.3612, 0.3218, 0.3429

Tritanomaly

91.8698, 0.3119, 0.3330

Monochromacy



Original Color

92.2728, 0.3209, 0.3584

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.2784, 0.3154, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2728, 0.3209, 0.3584 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, 251, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 251, 222)  
}
```

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, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 251, 222) }
```

Border

The CSS property to change the border of an element to Yxy 92.2728, 0.3209, 0.3584 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, 251, 222) }
```

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

```
.border{ border-color:rgb(237, 251, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 251, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 251, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 251, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 251,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2728, 0.3209, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 251, 222) }
```

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

```
.background{ background-color: rgb(237,  
251, 222) }
```

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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