

Converting Colors

$Yxy(92.3029, 0.3304, 0.3749)$

Have a look what the booklet for
Yxy(92.3029, 0.3304, 0.3749)
contains.

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Color

Yxy(92.3029, 0.3304, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	EEFCCF
RGB	238, 252, 207
RGB Percent	93%, 99%, 81%
CMY	0.0664, 0.0118, 0.1882
CMYK	0.06, 0.00, 0.18, 0.01
HSL	79°, 88%, 90%
HSV	79°, 18%, 99%
XYZ	81.3467, 92.3029, 72.5571
YIQ	242.6840, 6.1010, -16.9630

Conversions

Conversions Part 2

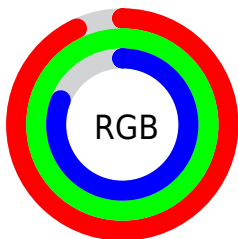
Format	Color
RYB	207, 252, 221
Decimal	15662287
CIELab	96.94, -12.11, 20.04
CIElCh	97, 23.414, 121.140
Yxy	92.3029, 0.3304, 0.3749
Android (android.graphics.Color)	4293852367 (0xFFEEFCCF)
YUV	242.6840, -17.5922, -4.1079
Hunter-Lab	96.0744, -16.9933, 22.4752

Details

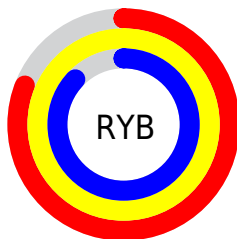
The Yxy color **92.3029, 0.3304, 0.3749** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.0129, 0.2927, 0.2815**, and the grayscale version is **89.5112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2752, 0.3337, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **89.8492, 0.3401, 0.4024**, and if you desaturate by 10%, it is **95.0199, 0.3205, 0.3486**.

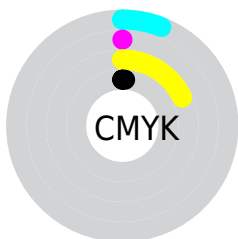
Distribution



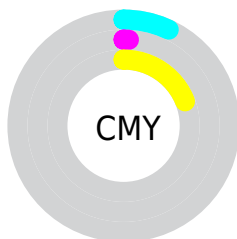
- Red (93%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3029, 0.3304, 0.3749 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 92.3029, 0.3304, 0.3749 by changing the saturation by 10% instead.

 92.3029, 0.3304,
0.3749

 92.3029, 0.3304,
0.3749


535.4940, 0.3228,
0.3541

 69.8922, 0.3320,
0.3795


150.5331, 0.3279,
0.3678

 51.4387, 0.3339,
0.3852

187.1215, 0.3269,
0.3650

 36.5579, 0.3362,
0.3923

229.2045, 0.3260,
0.3626

 24.8653, 0.3391,
0.4013

277.1667, 0.3252,
0.3605

 15.9768, 0.3426,
0.4134

331.3923, 0.3245,
0.3586

 9.5077, 0.3472,
0.4302

392.2658, 0.3239,

 5.0738, 0.3529,

0.3569

0.4549

460.1715, 0.3233,
0.3555

■ 2.2906, 0.3624,
0.4981

■ 0.7687, 0.3614,
0.6386

■ 92.3029, 0.3304,
0.3749

■ 92.3029, 0.3304,
0.3749

■ 89.8492, 0.3401,
0.4024

■ 95.0199, 0.3205,
0.3486

■ 87.6367, 0.3492,
0.4303

■ 97.8422, 0.3120,
0.3261

■ 85.6586, 0.3572,
0.4577

■ 98.0948, 0.3129,
0.3261

■ 83.9031, 0.3636,
0.4834

■ 82.3573, 0.3678,
0.5061

■ 81.0063, 0.3695,
0.5246

■ 79.8330, 0.3687,
0.5383

■ 78.8146, 0.3655,
0.5471

■ 78.6094, 0.3647,
0.5486

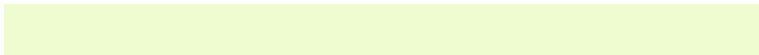
Harmonies

Analogous

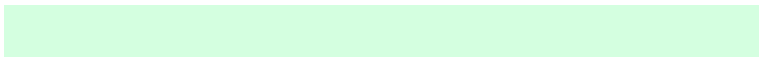
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3029, 0.3524, 0.3719



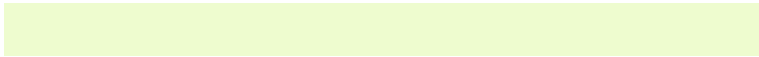
92.3029, 0.3304, 0.3749



92.3029, 0.3043, 0.3642

Triad

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



92.3029, 0.3304, 0.3749



92.3029, 0.2639, 0.2980



92.3029, 0.3446, 0.3149

Complementary

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



92.3029, 0.3304, 0.3749



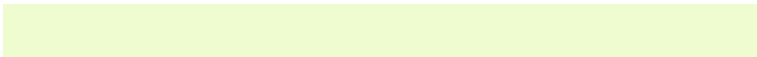
67.0129, 0.2927, 0.2815

Split Complementary

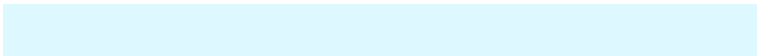
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3029, 0.3196, 0.2971



92.3029, 0.3304, 0.3749



92.3029, 0.2736, 0.2870

Square

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



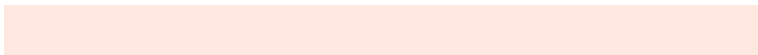
92.3029, 0.3304, 0.3749



92.3029, 0.2666, 0.3182



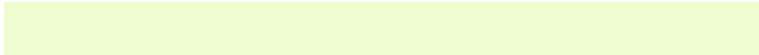
92.3029, 0.2937, 0.2870



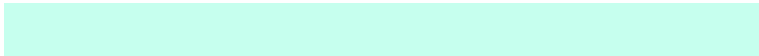
92.3029, 0.3611, 0.3366

Rectangle

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



92.3029, 0.3304, 0.3749



92.3029, 0.2881, 0.3508



92.3029, 0.2937, 0.2870



92.3029, 0.3369, 0.3084

Sweetspot

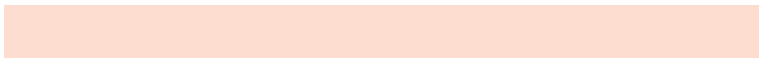
The Sweet Spot groups the original color and five complimentary colors.



92.3069, 0.3304, 0.3749



98.4647, 0.3176, 0.3413



76.6452, 0.3450, 0.3429



21.0305, 0.3183, 0.3431



0.0000, 0.0000, 0.0000



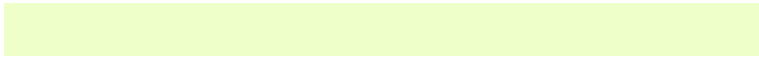
21.4041, 0.3127, 0.3290

Same Dimension

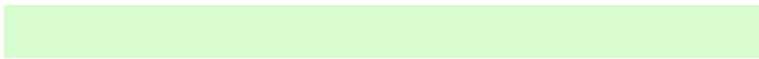
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3069, 0.3304, 0.3749



94.0080, 0.3335, 0.3835



88.7179, 0.3161, 0.3770



19.9054, 0.3221, 0.3528



41.0336, 0.3656, 0.5479



3.8564, 0.3722, 0.5427

Inverse Universe

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



67.0129, 0.2927, 0.2815



64.1136, 0.2886, 0.2723



70.7051, 0.3083, 0.2837



16.9036, 0.3027, 0.3048



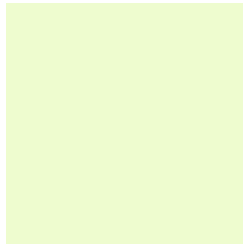
4.5735, 0.1713, 0.0717



0.4770, 0.1838, 0.0786

Previews

White Background



This preview shows how the Yxy color 92.3029, 0.3304, 0.3749 looks on a white background.

Color Contrast Check

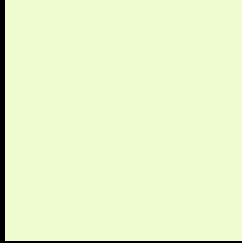
Large Text (above 18pt) WCAG AA × Fail

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 92.3029, 0.3304, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

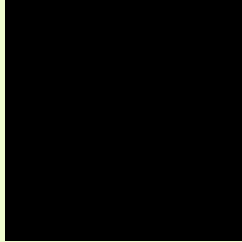
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

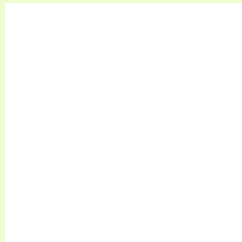
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3029, 0.3304, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 92.3029, 0.3304, 0.3749.

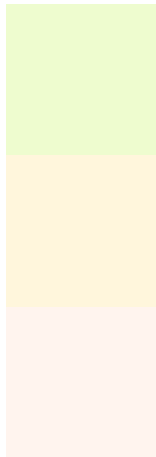


This preview shows how white text looks on a background with the Yxy color 92.3029, 0.3304, 0.3749.

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

92.3029, 0.3304, 0.3749

Protanopia

92.3388, 0.3345, 0.3546

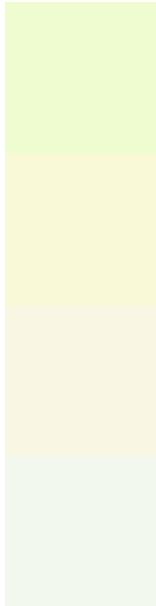
Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

92.1176, 0.3074, 0.3193

Trichromacy



Original Color

92.3029, 0.3304, 0.3749

Protanomaly

92.1808, 0.3333, 0.3619

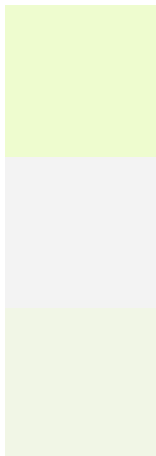
Deuteranomaly

92.2073, 0.3261, 0.3488

Tritanomaly

92.3625, 0.3154, 0.3389

Monochromacy



Original Color

92.3029, 0.3304, 0.3749

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.3255, 0.3191, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3029, 0.3304, 0.3749 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(238, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 207)  
}
```

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(238, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 207) }
```

Border

The CSS property to change the border of an element to Yxy 92.3029, 0.3304, 0.3749 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(238, 252, 207) }
```

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

```
.border{ border-color:rgb(238, 252, 207) }
```

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

Here you see how a box with a 4 pixel rgb(238, 252, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3029, 0.3304, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 207) }
```

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

```
.background{ background-color: rgb(238,  
252, 207) }
```

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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