

Converting Colors

$Yxy(89.5692, 0.3276, 0.3658)$

Have a look what the booklet for
Yxy(89.5692, 0.3276, 0.3658)
contains.

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Color

Yxy(89.2795, 0.3273, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	EDF7D4
RGB	237, 247, 212
RGB Percent	93%, 97%, 83%
CMY	0.0704, 0.0314, 0.1686
CMYK	0.04, 0.00, 0.14, 0.03
HSL	77°, 69%, 90%
HSV	77°, 14%, 97%
XYZ	80.0800, 89.2795, 75.3089
YIQ	240.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

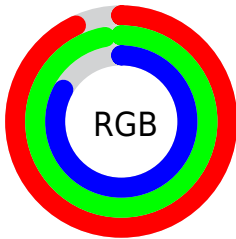
Format	Color
R_{YB}	212, 247, 222
Decimal	15595476
CIE Lab	95.70, -9.21, 15.71
CIE LCh	96, 18.210, 120.383
Yxy	89.2795, 0.3273, 0.3649
Android (android.graphics.Color)	4293785556 (0xFFEDF7D4)
YUV	240.0200, -13.8139, -2.6485
Hunter-Lab	94.4878, -14.0721, 18.8860

Details

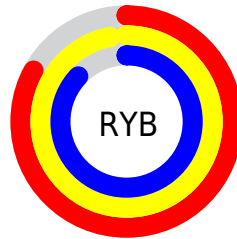
The Yxy color **89.2795, 0.3273, 0.3649** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.3356, 0.2967, 0.2920**, and the grayscale version is **87.2683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5197, 0.3305, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **86.9436, 0.3376, 0.3919**, and if you desaturate by 10%, it is **91.8613, 0.3170, 0.3392**.

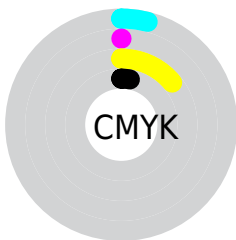
Distribution



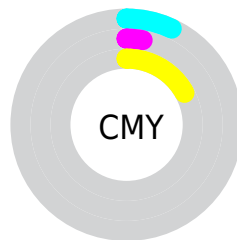
- Red (93%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2795, 0.3273, 0.3649 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 89.2795, 0.3273, 0.3649 by changing the saturation by 10% instead.


 89.2795, 0.3273,
0.3649

 89.2795, 0.3273,
0.3649


525.6843, 0.3209,
0.3486

 67.3832, 0.3287,
0.3685


146.3372, 0.3252,
0.3593

 49.3961, 0.3303,
0.3730


182.2674, 0.3243,
0.3571

 34.9338, 0.3323,
0.3786


223.6443, 0.3236,
0.3552

 23.6119, 0.3348,
0.3858

270.8524, 0.3229,
0.3536

 15.0460, 0.3381,
0.3954

324.2761, 0.3223,
0.3521

 8.8517, 0.3424,
0.4088

384.2997, 0.3218,

 4.6446, 0.3482,

0.3508

0.4289

451.3076, 0.3214,
0.3497

■ 2.0403, 0.3569,
0.4630

■ 0.6307, 0.3726,
0.6274

■ 89.2795, 0.3273,
0.3649

■ 89.2795, 0.3273,
0.3649

■ 86.9436, 0.3376,
0.3919

■ 91.8613, 0.3170,
0.3392

■ 84.8328, 0.3474,
0.4195

■ 94.2658, 0.3106,
0.3213

■ 82.9412, 0.3563,
0.4468

■ 94.9981, 0.3131,
0.3214

■ 81.2580, 0.3638,
0.4728

■ 79.7715, 0.3693,
0.4962

■ 78.4685, 0.3724,
0.5159

■ 77.3340, 0.3730,
0.5310

■ 76.3493, 0.3710,
0.5411

■ 75.8282, 0.3690,
0.5452

Harmonies

Analogous

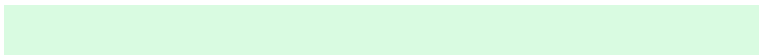
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2795, 0.3444, 0.3626



89.2795, 0.3273, 0.3649



89.2795, 0.3067, 0.3568

Triad

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



89.2795, 0.3273, 0.3649



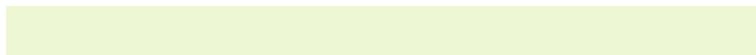
89.2795, 0.2740, 0.3050



89.2795, 0.3374, 0.3175

Complementary

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



89.2795, 0.3273, 0.3649



69.3356, 0.2967, 0.2920

Split Complementary

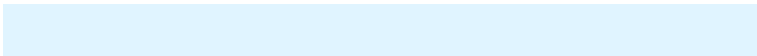
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2795, 0.3178, 0.3034



89.2795, 0.3273, 0.3649



89.2795, 0.2815, 0.2959

Square

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



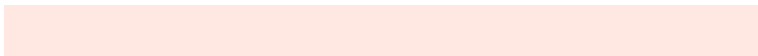
89.2795, 0.3273, 0.3649



89.2795, 0.2764, 0.3212



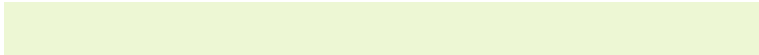
89.2795, 0.2973, 0.2955



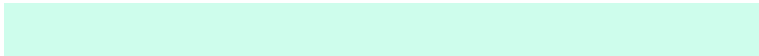
89.2795, 0.3504, 0.3348

Rectangle

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



89.2795, 0.3273, 0.3649



89.2795, 0.2938, 0.3465



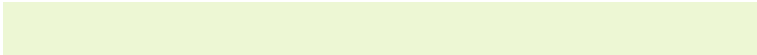
89.2795, 0.2973, 0.2955



89.2795, 0.3313, 0.3123

Sweetspot

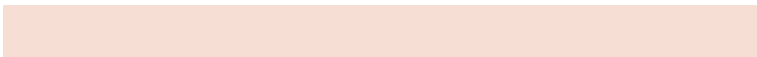
The Sweet Spot groups the original color and five complimentary colors.



89.2834, 0.3273, 0.3649



98.8138, 0.3168, 0.3388



76.7312, 0.3376, 0.3393



21.1035, 0.3176, 0.3407



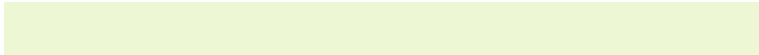
0.0000, 0.0000, 0.0000



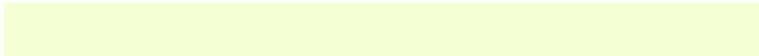
21.4041, 0.3127, 0.3290

Same Dimension

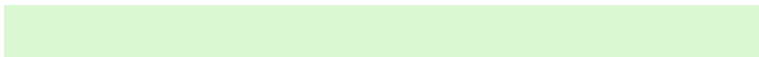
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2834, 0.3273, 0.3649



95.2500, 0.3303, 0.3725



86.4249, 0.3158, 0.3662



19.0628, 0.3224, 0.3527



40.1806, 0.3698, 0.5446



3.5834, 0.3762, 0.5395

Inverse Universe

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



69.3356, 0.2967, 0.2920



69.9779, 0.2930, 0.2839



72.2334, 0.3089, 0.2934



16.1551, 0.3024, 0.3048



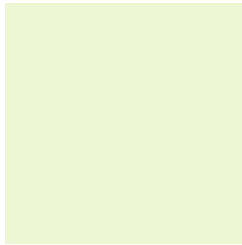
4.3082, 0.1683, 0.0701



0.4285, 0.1811, 0.0771

Previews

White Background



This preview shows how the Yxy color 89.2795, 0.3273, 0.3649 looks on a white background.

Color Contrast Check

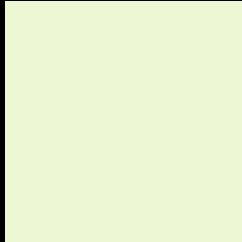
Large Text (above 18pt) WCAG AA × Fail

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 89.2795, 0.3273, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

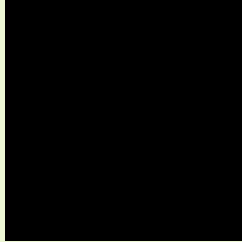
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

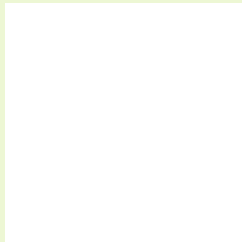
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2795, 0.3273, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 89.2795, 0.3273, 0.3649.

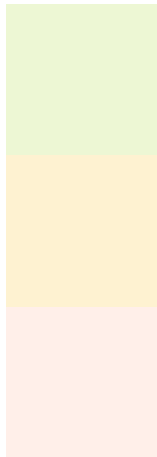


This preview shows how white text looks on a background with the Yxy color 89.2795, 0.3273, 0.3649.

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

89.2795, 0.3273, 0.3649

Protanopia

89.1785, 0.3414, 0.3619

Deuteranopia

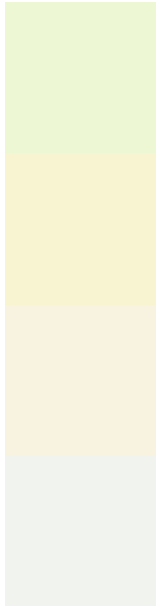
88.8762, 0.3272, 0.3349



Tritanopia

89.3637, 0.3063, 0.3153

Trichromacy



Original Color

89.2795, 0.3273, 0.3649

Protanomaly

89.3110, 0.3364, 0.3633

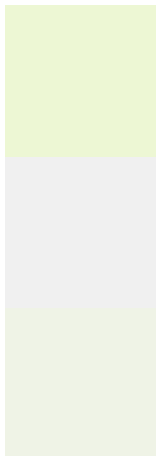
Deuteranomaly

88.8970, 0.3272, 0.3460

Tritanomaly

89.0340, 0.3138, 0.3330

Monochromacy



Original Color

89.2795, 0.3273, 0.3649

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

88.1651, 0.3180, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2795, 0.3273, 0.3649 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, 247, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 247, 212)  
}
```

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, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 247, 212) }
```

Border

The CSS property to change the border of an element to Yxy 89.2795, 0.3273, 0.3649 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, 247, 212) }
```

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

```
.border{ border-color:rgb(237, 247, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 247, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 247,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2795, 0.3273, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 247, 212) }
```

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

```
.background{ background-color: rgb(237,  
247, 212) }
```

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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