

Converting Colors

$Y_{xy}(84.7772, 0.3277, 0.3495)$

Have a look what the booklet for
Yxy(84.7772, 0.3277, 0.3495)
contains.

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Color

Yxy(84.9118, 0.3273, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	F1EEDA
RGB	241, 238, 218
RGB Percent	95%, 93%, 85%
CMY	0.0547, 0.0667, 0.1451
CMYK	0.00, 0.01, 0.10, 0.05
HSL	52°, 45%, 90%
HSV	52°, 10%, 95%
XYZ	79.5183, 84.9118, 78.5222
YIQ	236.6170, 8.2080, -5.5840

Conversions

Conversions Part 2

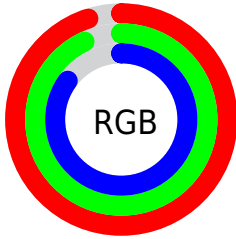
Format	Color
R _Y B	221, 241, 218
Decimal	15855322
CIE Lab	93.85, -2.33, 10.04
CIE LCh	94, 10.304, 103.095
Yxy	84.9118, 0.3273, 0.3495
Android (android.graphics.Color)	4294045402 (0xFFFF1EEDA)
YUV	236.6170, -9.1782, 3.8439
Hunter-Lab	92.1476, -7.2227, 13.9803

Details

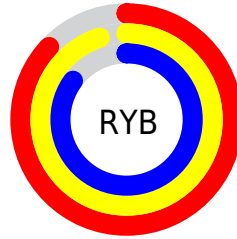
The Yxy color **84.9118, 0.3273, 0.3495** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.0032, 0.2978, 0.3076**, and the grayscale version is **84.4529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4145, 0.3307, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **81.8940, 0.3434, 0.3717**, and if you desaturate by 10%, it is **88.1538, 0.3121, 0.3281**.

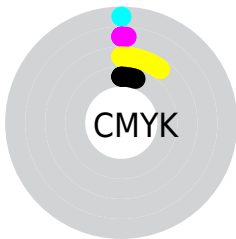
Distribution



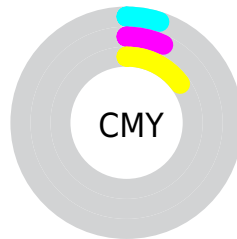
- Red (95%)
- Green (93%)
- Blue (85%)



- Red (87%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9118, 0.3273, 0.3495 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 84.9118, 0.3273, 0.3495 by changing the saturation by 10% instead.

84.9118, 0.3273,
0.3495

84.9118, 0.3273,
0.3495

511.3362, 0.3208,
0.3402

63.7685, 0.3287,
0.3516

140.2499, 0.3251,
0.3463

46.4632, 0.3305,
0.3541

175.2136, 0.3242,
0.3451

32.6115, 0.3327,
0.3573

215.5528, 0.3234,
0.3440

21.8290, 0.3355,
0.3614

261.6520, 0.3228,
0.3431

13.7313, 0.3393,
0.3668

313.8955, 0.3222,
0.3422

7.9340, 0.3445,
0.3745

372.6678, 0.3216,

4.0528, 0.3522,

0.3415

0.3861

438.3532, 0.3212,
0.3408

■ 1.7031, 0.3646,
0.4053

■ 0.4257, 0.4495,
0.5505

■ 84.9118, 0.3273,
0.3495

■ 84.9118, 0.3273,
0.3495

■ 81.8940, 0.3434,
0.3717

■ 88.1538, 0.3121,
0.3281

■ 79.0811, 0.3600,
0.3940

■ 90.8737, 0.3043,
0.3186

■ 76.4684, 0.3768,
0.4157

■ 92.8239, 0.3043,
0.3217

■ 74.0464, 0.3930,
0.4360

■ 94.8078, 0.3042,
0.3249

■ 71.8049, 0.4081,
0.4537

■ 96.8256, 0.3042,
0.3280

■ 69.7327, 0.4212,
0.4679

■ 97.4508, 0.3042,
0.3290

■ 67.8166, 0.4319,
0.4779

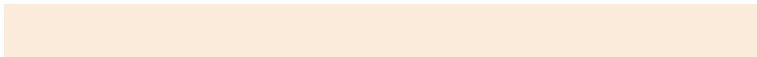
■ 66.0414, 0.4398,
0.4833

■ 64.3826, 0.4451,
0.4846

Harmonies

Analogous

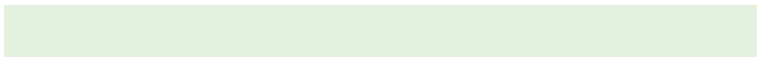
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9118, 0.3345, 0.3453



84.9118, 0.3273, 0.3495



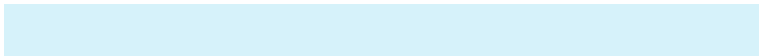
84.9118, 0.3163, 0.3481

Triad

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



84.9118, 0.3273, 0.3495



84.9118, 0.2903, 0.3204



84.9118, 0.3207, 0.3172

Complementary

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



84.9118, 0.3273, 0.3495



73.0032, 0.2978, 0.3076

Split Complementary

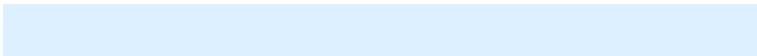
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9118, 0.3088, 0.3108



84.9118, 0.3273, 0.3495



84.9118, 0.2914, 0.3125

Square

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



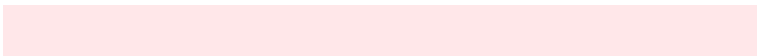
84.9118, 0.3273, 0.3495



84.9118, 0.2950, 0.3310



84.9118, 0.2981, 0.3090



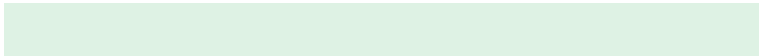
84.9118, 0.3306, 0.3267

Rectangle

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



84.9118, 0.3273, 0.3495



84.9118, 0.3083, 0.3440



84.9118, 0.2981, 0.3090



84.9118, 0.3168, 0.3147

Sweetspot

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



84.9155, 0.3273, 0.3495



98.8697, 0.3172, 0.3354



74.0740, 0.3274, 0.3258



21.0983, 0.3184, 0.3371



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.



84.9155, 0.3273, 0.3495



95.9664, 0.3296, 0.3527



85.2623, 0.3213, 0.3530



18.0795, 0.3272, 0.3493



35.0010, 0.4448, 0.4850



3.0103, 0.4410, 0.4881

Inverse Universe

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



73.0032, 0.2978, 0.3076



80.5157, 0.2954, 0.3041



72.7350, 0.3036, 0.3047



15.5675, 0.2980, 0.3079



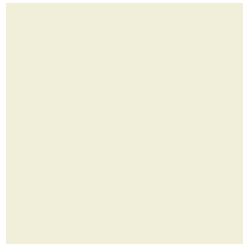
4.1144, 0.1529, 0.0703



0.4484, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 84.9118, 0.3273, 0.3495 looks on a white background.

Color Contrast Check

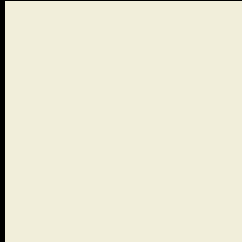
Large Text (above 18pt) WCAG AA × Fail

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 84.9118, 0.3273, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

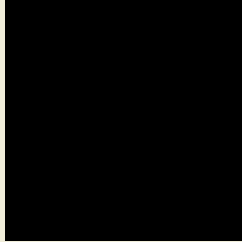
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

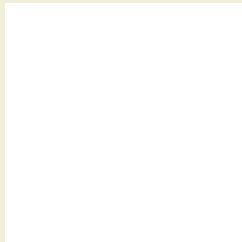
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9118, 0.3273, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 84.9118, 0.3273, 0.3495.

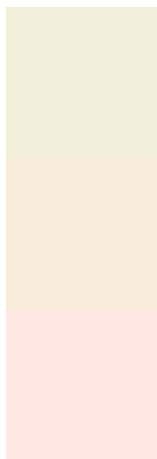


This preview shows how white text looks on a background with the Yxy color 84.9118, 0.3273, 0.3495.

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

84.9118, 0.3273, 0.3495

Protanopia

84.5935, 0.3316, 0.3483

Deuteranopia

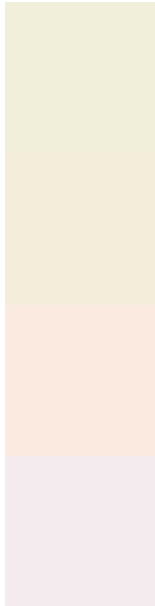
84.5193, 0.3318, 0.3340



Tritanopia

84.8357, 0.3102, 0.3112

Trichromacy



Original Color

84.9118, 0.3273, 0.3495

Protanomaly

84.8112, 0.3301, 0.3494

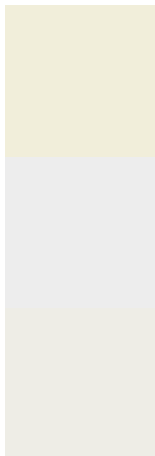
Deuteranomaly

84.5514, 0.3301, 0.3391

Tritanomaly

84.8818, 0.3163, 0.3250

Monochromacy



Original Color

84.9118, 0.3273, 0.3495

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.4587, 0.3177, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9118, 0.3273, 0.3495 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, 238, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 218)  
}
```

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, 238, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 218) }
```

Border

The CSS property to change the border of an element to Yxy 84.9118, 0.3273, 0.3495 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, 238, 218) }
```

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

```
.border{ border-color:rgb(241, 238, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 238, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 238, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 238, 218); box-shadow:4px 4px 4px 4px rgb(241, 238, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9118, 0.3273, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 218) }
```

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

```
.background{ background-color: rgb(241,  
238, 218) }
```

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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