

Converting Colors

Yxy(84.6516, 0.3177, 0.3354)

Have a look what the booklet for
Yxy(84.6516, 0.3177, 0.3354)
contains.

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Color

Yxy(84.6886, 0.3178, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	EFED7
RGB	239, 237, 231
RGB Percent	94%, 93%, 91%
CMY	0.0626, 0.0706, 0.0941
CMYK	0.00, 0.01, 0.03, 0.06
HSL	45°, 20%, 92%
HSV	45°, 3%, 94%
XYZ	80.3164, 84.6886, 87.7213
YIQ	236.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

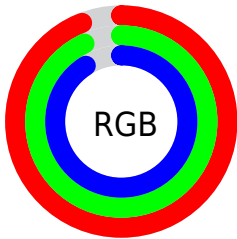
Format	Color
R_{YB}	234, 239, 231
Decimal	15724007
CIE Lab	93.75, -0.35, 3.12
CIE LCh	94, 3.142, 96.360
Yxy	84.6886, 0.3178, 0.3351
Android (android.graphics.Color)	4293914087 (0xFFEFED7)
YUV	236.9140, -2.9156, 1.8294
Hunter-Lab	92.0264, -5.2596, 7.9021

Details

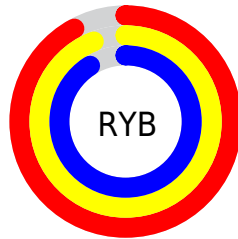
The Yxy color **84.6886, 0.3178, 0.3351** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5391, 0.3076, 0.3228**, and the grayscale version is **84.6466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2102, 0.3192, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **79.9556, 0.3338, 0.3539**, and if you desaturate by 10%, it is **89.7339, 0.3031, 0.3173**.

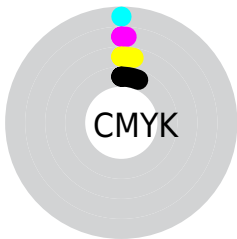
Distribution



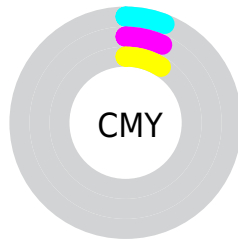
- Red (94%)
- Green (93%)
- Blue (91%)



- Red (92%)
- Yellow (94%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.6886, 0.3178, 0.3351 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 84.6886, 0.3178, 0.3351 by changing the saturation by 10% instead.

84.6886, 0.3178,
0.3351

84.6886, 0.3178,
0.3351

510.5971, 0.3155,
0.3324

63.5841, 0.3183,
0.3357

139.9380, 0.3170,
0.3342

46.3139, 0.3189,
0.3365

174.8517, 0.3167,
0.3338

32.4936, 0.3197,
0.3374

215.1373, 0.3164,
0.3335

21.7388, 0.3207,
0.3386

261.1792, 0.3162,
0.3332

13.6651, 0.3220,
0.3402

313.3617, 0.3160,
0.3329

7.8881, 0.3239,
0.3425

372.0692, 0.3158,

4.0234, 0.3267,

0.3327

0.3459

437.6863, 0.3157,
0.3325

■ 1.6867, 0.3314,
0.3515

■ 0.4150, 0.3731,
0.4012

■ 84.6886, 0.3178,
0.3351

■ 84.6886, 0.3178,
0.3351

■ 79.9556, 0.3338,
0.3539

■ 89.7339, 0.3031,
0.3173

■ 75.5152, 0.3512,
0.3733

■ 93.4583, 0.3030,
0.3233

■ 71.3621, 0.3696,
0.3928

■ 97.0985, 0.3030,
0.3290

■ 67.4864, 0.3886,
0.4117

■ 63.8777, 0.4076,
0.4291

■ 60.5245, 0.4260,
0.4438

■ 57.4140, 0.4426,
0.4548

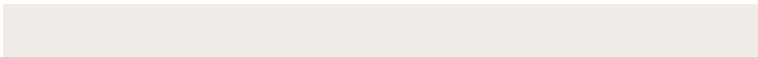
■ 54.5316, 0.4569,
0.4613

■ 51.8599, 0.4681,
0.4629

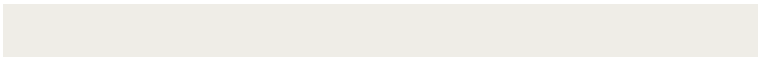
Harmonies

Analogous

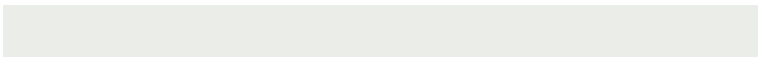
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6886, 0.3196, 0.3336



84.6886, 0.3178, 0.3351



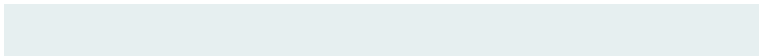
84.6886, 0.3147, 0.3350

Triad

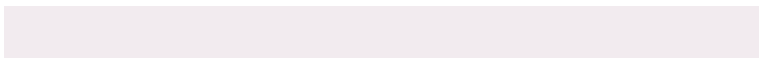
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6886, 0.3178, 0.3351



84.6886, 0.3060, 0.3272



84.6886, 0.3144, 0.3248

Complementary

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



84.6886, 0.3178, 0.3351



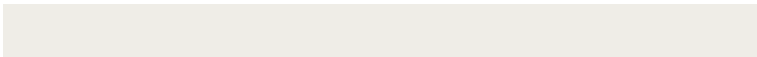
81.5391, 0.3076, 0.3228

Split Complementary

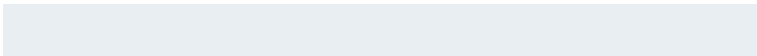
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6886, 0.3108, 0.3231



84.6886, 0.3178, 0.3351



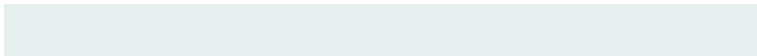
84.6886, 0.3059, 0.3244

Square

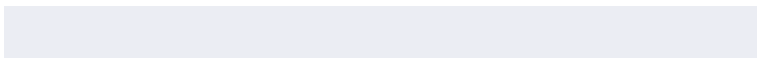
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



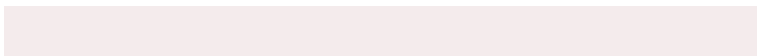
84.6886, 0.3178, 0.3351



84.6886, 0.3079, 0.3304



84.6886, 0.3077, 0.3230



84.6886, 0.3176, 0.3276

Rectangle

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



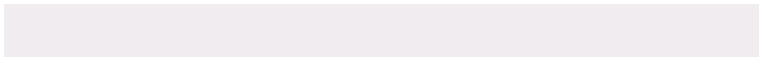
84.6886, 0.3178, 0.3351



84.6886, 0.3122, 0.3340



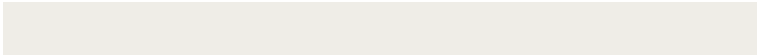
84.6886, 0.3077, 0.3230



84.6886, 0.3132, 0.3241

Sweetspot

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



84.6923, 0.3178, 0.3351



99.4218, 0.3142, 0.3308



81.4082, 0.3168, 0.3268



21.2865, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



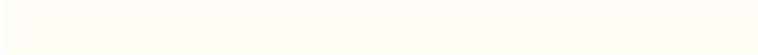
21.4041, 0.3127, 0.3290

Same Dimension

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



84.6923, 0.3178, 0.3351



97.7088, 0.3188, 0.3363



85.5631, 0.3164, 0.3372



18.2261, 0.3199, 0.3376



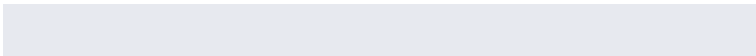
27.9437, 0.4730, 0.4626



2.4830, 0.4644, 0.4695

Inverse Universe

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



81.5391, 0.3076, 0.3228



93.3668, 0.3066, 0.3216



80.6967, 0.3089, 0.3207



17.2706, 0.3055, 0.3202



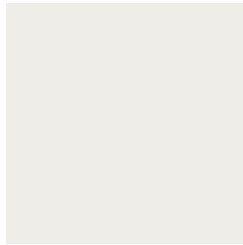
5.4700, 0.1584, 0.0900



0.6096, 0.1652, 0.1147

Previews

White Background



This preview shows how the Yxy color 84.6886, 0.3178, 0.3351 looks on a white background.

Color Contrast Check

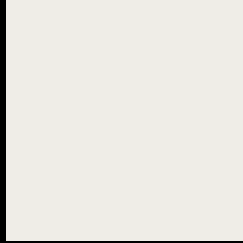
Large Text (above 18pt) WCAG AA × Fail

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 84.6886, 0.3178, 0.3351 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

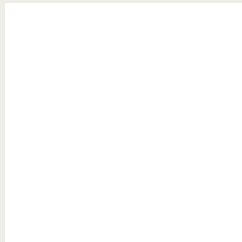
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.6886, 0.3178, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 84.6886, 0.3178, 0.3351.

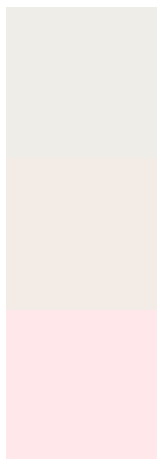


This preview shows how white text looks on a background with the Yxy color 84.6886, 0.3178, 0.3351.

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

84.6886, 0.3178, 0.3351

Protanopia

84.7588, 0.3212, 0.3351

Deuteranopia

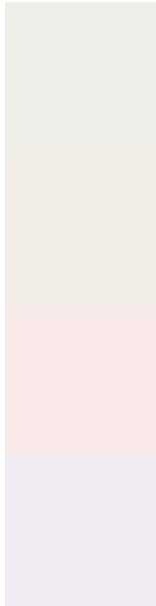
84.3523, 0.3273, 0.3261



Tritanopia

84.7512, 0.3069, 0.3111

Trichromacy



Original Color

84.6886, 0.3178, 0.3351

Protanomaly

84.5813, 0.3205, 0.3351

Deuteranomaly

84.3008, 0.3236, 0.3290

Tritanomaly

84.6491, 0.3111, 0.3200

Monochromacy



Original Color

84.6886, 0.3178, 0.3351

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.7437, 0.3146, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6886, 0.3178, 0.3351 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(239, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 231)  
}
```

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(239, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 231) }
```

Border

The CSS property to change the border of an element to Yxy 84.6886, 0.3178, 0.3351 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(239, 237, 231) }
```

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

```
.border{ border-color:rgb(239, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6886, 0.3178, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 231) }
```

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

```
.background{ background-color: rgb(239,  
237, 231) }
```

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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