

Converting Colors

Yxy(87.5558, 0.3256, 0.3402)

Have a look what the booklet for
Yxy(87.5558, 0.3256, 0.3402)
contains.

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Color

Yxy(87.2909, 0.3256, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	F8EFE4
RGB	248, 239, 228
RGB Percent	97%, 94%, 89%
CMY	0.0273, 0.0628, 0.1058
CMYK	0.00, 0.04, 0.08, 0.03
HSL	33°, 59%, 93%
HSV	33°, 8%, 97%
XYZ	83.5939, 87.2909, 85.8532
YIQ	240.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

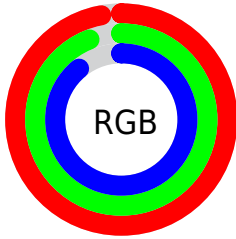
Format	Color
R _Y B	244, 248, 228
Decimal	16314340
CIE Lab	94.86, 1.20, 6.37
CIE LCh	95, 6.484, 79.337
Yxy	87.2909, 0.3256, 0.3400
Android (android.graphics.Color)	4294504420 (0xFF8EFE4)
YUV	240.4370, -6.1314, 6.6328
Hunter-Lab	93.4296, -3.7932, 10.9187

Details

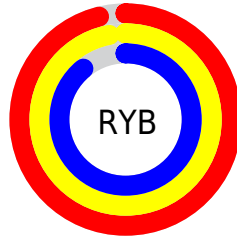
The Yxy color **87.2909, 0.3256, 0.3400** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **83.8840, 0.3002, 0.3178**, and the grayscale version is **87.5486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.0906, 0.3285, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **79.6529, 0.3435, 0.3543**, and if you desaturate by 10%, it is **95.5413, 0.3098, 0.3265**.

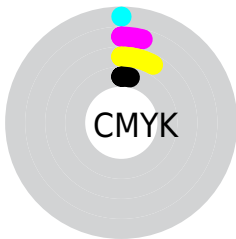
Distribution



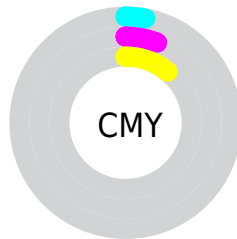
- Red (97%)
- Green (94%)
- Blue (89%)



- Red (96%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (3%)




- Cyan (3%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.2909, 0.3256, 0.3400 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 87.2909, 0.3256, 0.3400 by changing the saturation by 10% instead.


 87.2909, 0.3256,
0.3400

 87.2909, 0.3256,
0.3400

519.1783, 0.3198,
0.3351

 65.7360, 0.3269,
0.3411

143.5695, 0.3236,
0.3383

 48.0581, 0.3284,
0.3424


179.0620, 0.3229,
0.3377

 33.8729, 0.3304,
0.3440


219.9692, 0.3222,
0.3371

 22.7960, 0.3329,
0.3462

266.6753, 0.3216,
0.3366

 14.4429, 0.3362,
0.3489

319.5649, 0.3211,
0.3362

 8.4294, 0.3409,
0.3528

379.0224, 0.3206,

 4.3709, 0.3478,

0.3358

445.4320, 0.3202,
0.3354

0.3585

■ 1.8831, 0.3591,
0.3678

■ 0.5382, 0.4435,
0.4413

■ 87.2909, 0.3256,
0.3400

■ 87.2909, 0.3256,
0.3400

■ 79.6529, 0.3435,
0.3543

■ 95.5413, 0.3098,
0.3265

■ 72.6002, 0.3636,
0.3691

■ 98.7041, 0.3084,
0.3290

■ 66.1200, 0.3858,
0.3839

■ 60.1950, 0.4099,
0.3980

■ 54.8065, 0.4353,
0.4103

■ 49.9345, 0.4610,
0.4198

■ 45.5570, 0.4856,
0.4249

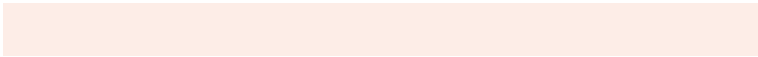
■ 41.6494, 0.5076,
0.4249

■ 38.1808, 0.5258,
0.4195

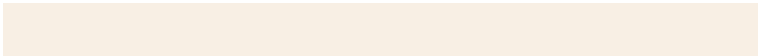
Harmonies

Analogous

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



87.2909, 0.3272, 0.3353



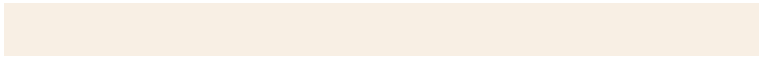
87.2909, 0.3256, 0.3400



87.2909, 0.3206, 0.3418

Triad

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



87.2909, 0.3256, 0.3400



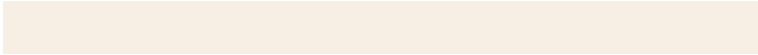
87.2909, 0.3008, 0.3289



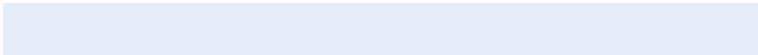
87.2909, 0.3119, 0.3182

Complementary

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



87.2909, 0.3256, 0.3400



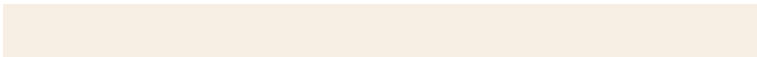
83.8840, 0.3002, 0.3178

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.



87.2909, 0.3048, 0.3164



87.2909, 0.3256, 0.3400



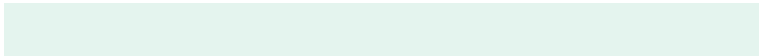
87.2909, 0.2985, 0.3225

Square

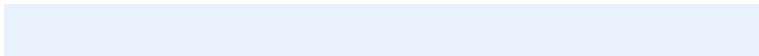
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2909, 0.3256, 0.3400



87.2909, 0.3062, 0.3354



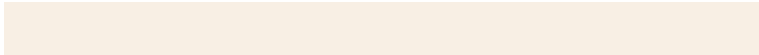
87.2909, 0.3000, 0.3180



87.2909, 0.3192, 0.3227

Rectangle

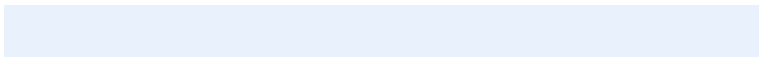
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2909, 0.3256, 0.3400



87.2909, 0.3159, 0.3411



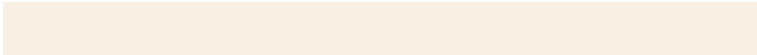
87.2909, 0.3000, 0.3180



87.2909, 0.3094, 0.3173

Sweetspot

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



87.2947, 0.3256, 0.3400



98.2141, 0.3158, 0.3317



81.5961, 0.3205, 0.3197



21.0407, 0.3156, 0.3315



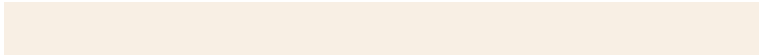
0.0000, 0.0000, 0.0000



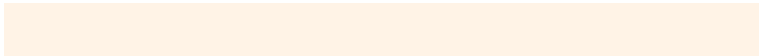
21.4041, 0.3127, 0.3290

Same Dimension

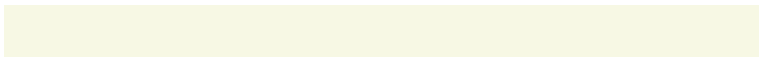
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2947, 0.3256, 0.3400



91.3313, 0.3289, 0.3427



92.6050, 0.3243, 0.3489



18.8021, 0.3280, 0.3420



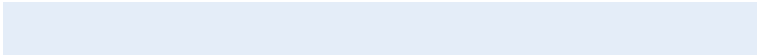
20.5645, 0.5268, 0.4199



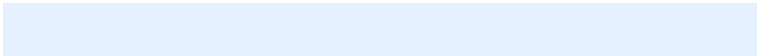
2.1165, 0.5105, 0.4329

Inverse Universe

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



83.8840, 0.3002, 0.3178



86.8855, 0.2971, 0.3149



78.8825, 0.3007, 0.3084



17.9350, 0.2979, 0.3157



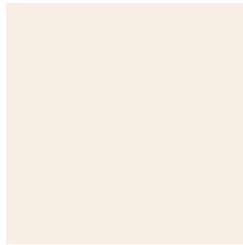
10.2025, 0.1728, 0.1419



1.1535, 0.1791, 0.1646

Previews

White Background



This preview shows how the Yxy color 87.2909, 0.3256, 0.3400 looks on a white background.

Color Contrast Check

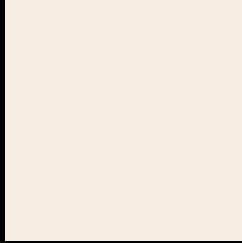
Large Text (above 18pt) WCAG AA × Fail

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 87.2909, 0.3256, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

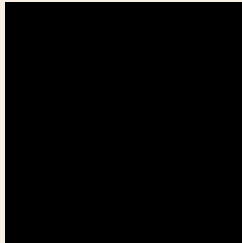
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.2909, 0.3256, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 87.2909, 0.3256, 0.3400.

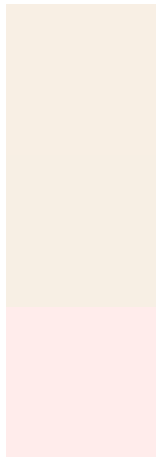


This preview shows how white text looks on a background with the Yxy color 87.2909, 0.3256, 0.3400.

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

87.2909, 0.3256, 0.3400

Protanopia

87.1086, 0.3249, 0.3401

Deuteranopia

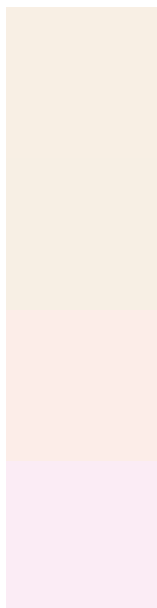
87.2491, 0.3262, 0.3300



Tritanopia

87.2679, 0.3123, 0.3106

Trichromacy



Original Color

87.2909, 0.3256, 0.3400

Protanomaly

87.1086, 0.3249, 0.3401

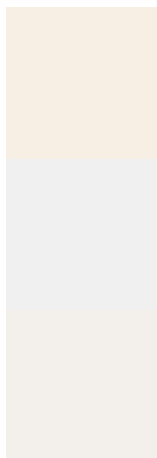
Deuteranomaly

87.0900, 0.3260, 0.3340

Tritanomaly

87.0927, 0.3171, 0.3202

Monochromacy



Original Color

87.2909, 0.3256, 0.3400

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.4310, 0.3171, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2909, 0.3256, 0.3400 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(248, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 228)  
}
```

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(248, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 228) }
```

Border

The CSS property to change the border of an element to Yxy 87.2909, 0.3256, 0.3400 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(248, 239, 228) }
```

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

```
.border{ border-color:rgb(248, 239, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 228);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2909, 0.3256, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 228) }
```

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

```
.background{ background-color: rgb(248,  
239, 228) }
```

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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