

Converting Colors

$Yxy(87.5636, 0.3382, 0.3533)$

Have a look what the booklet for
Yxy(87.5636, 0.3382, 0.3533)
contains.

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Color

Yxy(87.7101, 0.3380, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFD7
RGB	254, 239, 215
RGB Percent	100%, 94%, 84%
CMY	0.0040, 0.0627, 0.1567
CMYK	0.00, 0.06, 0.15, 0.00
HSL	37°, 95%, 92%
HSV	37°, 15%, 100%
XYZ	84.0068, 87.7101, 76.8240
YIQ	240.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

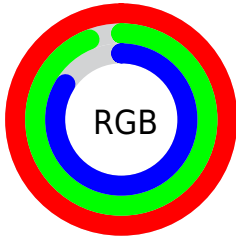
Format	Color
RYB	239, 254, 215
Decimal	16707543
CIELab	95.04, 1.22, 13.40
CIELCh	95, 13.452, 84.781
Yxy	87.7101, 0.3380, 0.3529
Android (android.graphics.Color)	4294897623 (0xFFFEED7)
YUV	240.7490, -12.6943, 11.6211
Hunter-Lab	93.6537, -3.7804, 16.9220

Details

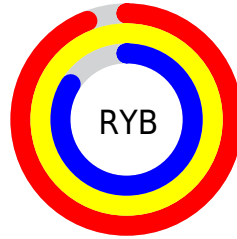
The Yxy color **87.7101, 0.3380, 0.3529** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2210, 0.2884, 0.3039**, and the grayscale version is **87.8510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.2754, 0.3437, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **80.9389, 0.3569, 0.3693**, and if you desaturate by 10%, it is **95.0012, 0.3210, 0.3371**.

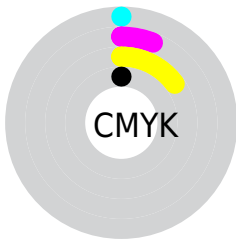
Distribution



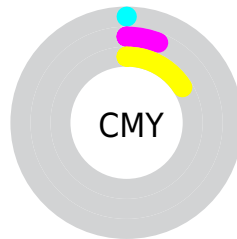
- Red (100%)
- Green (94%)
- Blue (84%)



- Red (94%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.7101, 0.3380, 0.3529 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 87.7101, 0.3380, 0.3529 by changing the saturation by 10% instead.


 87.7101, 0.3380,
0.3529

 87.7101, 0.3380,
0.3529


520.5534, 0.3267,
0.3422

 66.0830, 0.3405,
0.3552

144.1535, 0.3341,
0.3493

 48.3398, 0.3436,
0.3581


179.7386, 0.3326,
0.3478

 34.0961, 0.3473,
0.3616

220.7451, 0.3313,
0.3466

 22.9674, 0.3522,
0.3661

267.5575, 0.3301,
0.3455

 14.5694, 0.3586,
0.3721

320.5601, 0.3291,
0.3446

 8.5178, 0.3675,
0.3803

380.1374, 0.3282,

 4.4280, 0.3805,

0.3437

0.3921

446.6737, 0.3274,
0.3429

■ 1.9157, 0.4013,
0.4108

■ 0.5578, 0.5010,
0.4990

■ 87.7101, 0.3380,
0.3529

■ 87.7101, 0.3380,
0.3529

■ 80.9389, 0.3569,
0.3693

■ 95.0012, 0.3210,
0.3371

■ 74.6618, 0.3775,
0.3858

99.8087, 0.3121,
0.3290

■ 68.8676, 0.3996,
0.4018

■ 63.5404, 0.4225,
0.4162

■ 58.6628, 0.4455,
0.4279

■ 54.2157, 0.4674,
0.4357

■ 50.1776, 0.4869,
0.4386

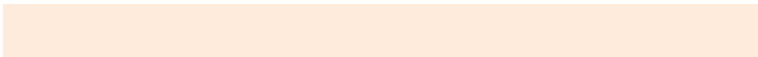
■ 46.5232, 0.5030,
0.4362

■ 44.9335, 0.5095,
0.4336

Harmonies

Analogous

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



87.7101, 0.3428, 0.3437



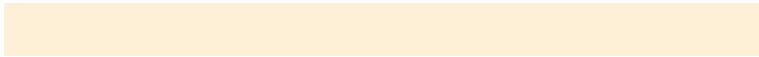
87.7101, 0.3380, 0.3529



87.7101, 0.3263, 0.3558

Triad

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



87.7101, 0.3380, 0.3529



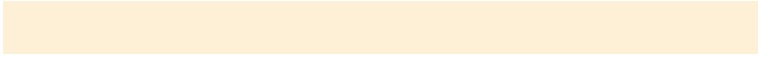
87.7101, 0.2867, 0.3260



87.7101, 0.3136, 0.3083

Complementary

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



87.7101, 0.3380, 0.3529



78.2210, 0.2884, 0.3039

Split Complementary

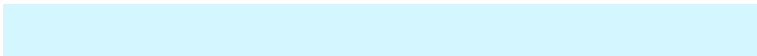
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7101, 0.2988, 0.3035



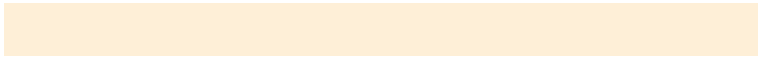
87.7101, 0.3380, 0.3529



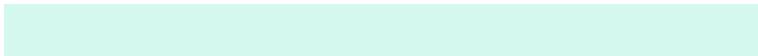
87.7101, 0.2835, 0.3133

Square

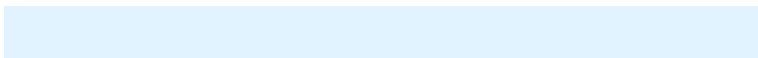
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7101, 0.3380, 0.3529



87.7101, 0.2968, 0.3400



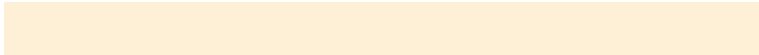
87.7101, 0.2878, 0.3052



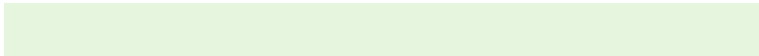
87.7101, 0.3286, 0.3182

Rectangle

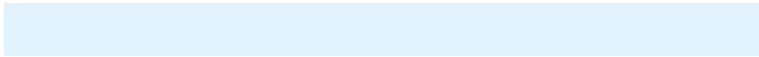
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7101, 0.3380, 0.3529



87.7101, 0.3164, 0.3535



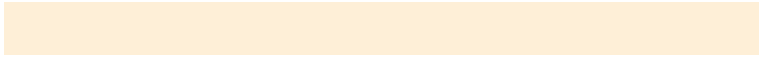
87.7101, 0.2878, 0.3052



87.7101, 0.3085, 0.3060

Sweetspot

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



87.7140, 0.3380, 0.3529



96.1156, 0.3205, 0.3366



75.4430, 0.3305, 0.3134



20.4581, 0.3216, 0.3377



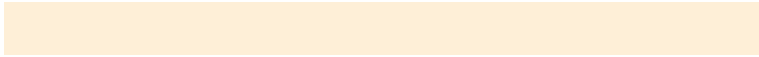
0.0000, 0.0000, 0.0000



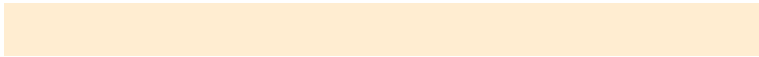
21.4041, 0.3127, 0.3290

Same Dimension

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



87.7140, 0.3380, 0.3529



86.6333, 0.3429, 0.3572



96.1268, 0.3332, 0.3675



19.8480, 0.3279, 0.3436



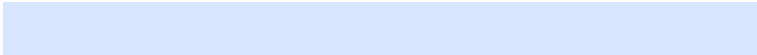
23.9864, 0.5077, 0.4351



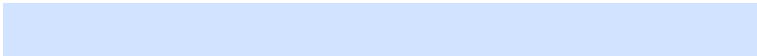
2.5472, 0.4949, 0.4453

Inverse Universe

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



78.2210, 0.2884, 0.3039



75.5974, 0.2839, 0.2991



70.8322, 0.2904, 0.2881



18.5236, 0.2979, 0.3140



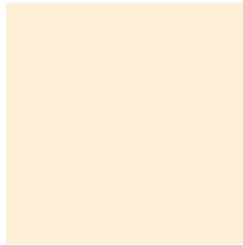
8.6152, 0.1671, 0.1214



1.0426, 0.1733, 0.1439

Previews

White Background



This preview shows how the Yxy color 87.7101, 0.3380, 0.3529 looks on a white background.

Color Contrast Check

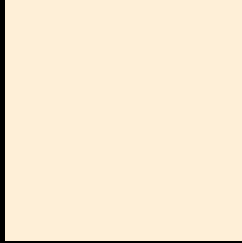
Large Text (above 18pt) WCAG AA × Fail

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 87.7101, 0.3380, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

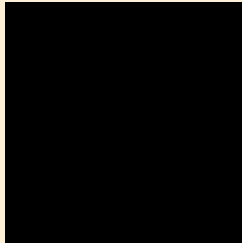
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.7101, 0.3380, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 87.7101, 0.3380, 0.3529.

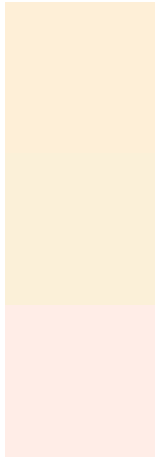


This preview shows how white text looks on a background with the Yxy color 87.7101, 0.3380, 0.3529.

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

87.7101, 0.3380, 0.3529

Protanopia

87.7873, 0.3352, 0.3531

Deuteranopia

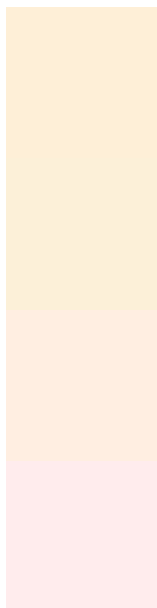
87.5979, 0.3286, 0.3349



Tritanopia

87.5788, 0.3167, 0.3145

Trichromacy



Original Color

87.7101, 0.3380, 0.3529

Protanomaly

87.9735, 0.3359, 0.3530

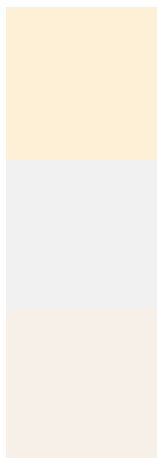
Deuteranomaly

87.8453, 0.3324, 0.3419

Tritanomaly

87.3653, 0.3249, 0.3281

Monochromacy



Original Color

87.7101, 0.3380, 0.3529

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.7392, 0.3216, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.7101, 0.3380, 0.3529 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(254, 239, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 215)  
}
```

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(254, 239, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 215) }
```

Border

The CSS property to change the border of an element to Yxy 87.7101, 0.3380, 0.3529 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(254, 239, 215) }
```

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

```
.border{ border-color:rgb(254, 239, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 239, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 87.7101, 0.3380, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 215) }
```

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

```
.background{ background-color: rgb(254,  
239, 215) }
```

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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