

Converting Colors

$Yxy(87.9870, 0.3273, 0.3562)$

Have a look what the booklet for
Yxy(87.9870, 0.3273, 0.3562)
contains.

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Color

Yxy(87.8117, 0.3273, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	F1F3D9
RGB	241, 243, 217
RGB Percent	95%, 95%, 85%
CMY	0.0550, 0.0470, 0.1489
CMYK	0.01, 0.00, 0.11, 0.05
HSL	65°, 52%, 90%
HSV	65°, 11%, 95%
XYZ	80.8460, 87.8117, 78.3513
YIQ	239.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

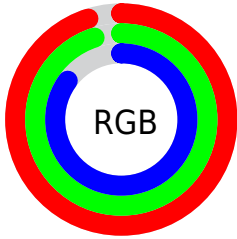
Format	Color
R _Y B	217, 243, 219
Decimal	15856601
CIE Lab	95.08, -5.06, 12.30
CIE LCh	95, 13.297, 112.350
Yxy	87.8117, 0.3273, 0.3555
Android (android.graphics.Color)	4294046681 (0xFFFF1F3D9)
YUV	239.4380, -11.0619, 1.3699
Hunter-Lab	93.7079, -9.9888, 16.0218

Details

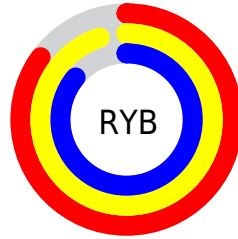
The Yxy color **87.8117, 0.3273, 0.3555** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.1820, 0.2973, 0.3013**, and the grayscale version is **86.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.4636, 0.3307, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **86.3086, 0.3412, 0.3811**, and if you desaturate by 10%, it is **89.5123, 0.3136, 0.3307**.

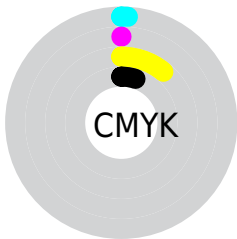
Distribution



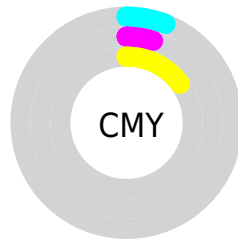
- Red (95%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)





- Cyan (6%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.8117, 0.3273, 0.3555 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 87.8117, 0.3273, 0.3555 by changing the saturation by 10% instead.


 87.8117, 0.3273,
0.3555

 87.8117, 0.3273,
0.3555


520.8864, 0.3208,
0.3435

 66.1671, 0.3287,
0.3582

144.2950, 0.3251,
0.3514

 48.4081, 0.3304,
0.3614

179.9025, 0.3242,
0.3498

 34.1502, 0.3326,
0.3655


220.9331, 0.3235,
0.3484

 23.0090, 0.3353,
0.3708

267.7712, 0.3228,
0.3472

 14.6001, 0.3388,
0.3778

320.8012, 0.3222,
0.3461

 8.5392, 0.3436,
0.3876

380.4074, 0.3217,

 4.4419, 0.3505,

0.3452

0.4023

446.9744, 0.3213,
0.3443

■ 1.9237, 0.3611,
0.4264

■ 0.5626, 0.4223,
0.5777

■ 87.8117, 0.3273,
0.3555

■ 87.8117, 0.3273,
0.3555

■ 86.3086, 0.3412,
0.3811

■ 89.5123, 0.3136,
0.3307

■ 84.9832, 0.3550,
0.4069

■ 90.7026, 0.3067,
0.3173

■ 83.8307, 0.3680,
0.4318


■ 91.0471, 0.3079,
0.3173


■ 82.8417, 0.3798,
0.4550


■ 91.3950, 0.3092,
0.3174


 82.0058, 0.3898,
0.4754

 91.7466, 0.3104,
0.3174

 81.3114, 0.3975,
0.4921

 92.1016, 0.3116,
0.3175

 80.7452, 0.4026,
0.5045

 92.4603, 0.3128,
0.3175

 80.2914, 0.4051,
0.5123

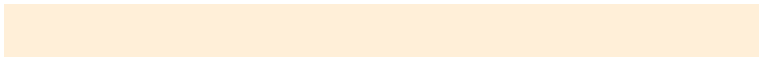
 92.5884, 0.3133,
0.3175

 79.9460, 0.4054,
0.5163

Harmonies

Analogous

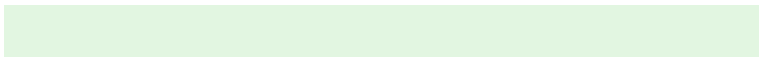
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8117, 0.3384, 0.3521



87.8117, 0.3273, 0.3555



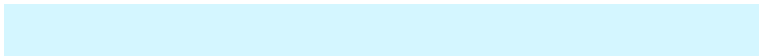
87.8117, 0.3125, 0.3515

Triad

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



87.8117, 0.3273, 0.3555



87.8117, 0.2838, 0.3143



87.8117, 0.3273, 0.3174

Complementary

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



87.8117, 0.3273, 0.3555



71.1820, 0.2973, 0.3013

Split Complementary

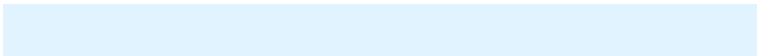
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8117, 0.3124, 0.3079



87.8117, 0.3273, 0.3555



87.8117, 0.2875, 0.3059

Square

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



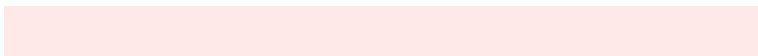
87.8117, 0.3273, 0.3555



87.8117, 0.2876, 0.3272



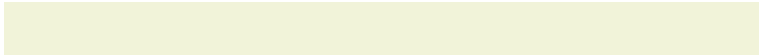
87.8117, 0.2979, 0.3037



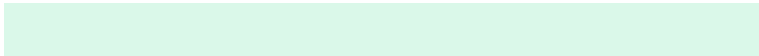
87.8117, 0.3384, 0.3300

Rectangle

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



87.8117, 0.3273, 0.3555



87.8117, 0.3026, 0.3450



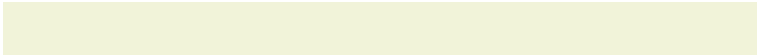
87.8117, 0.2979, 0.3037



87.8117, 0.3225, 0.3138

Sweetspot

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



87.8155, 0.3273, 0.3555



99.4033, 0.3168, 0.3363



74.6057, 0.3316, 0.3309



21.2430, 0.3179, 0.3383



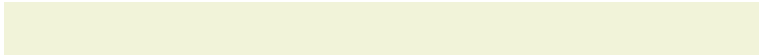
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

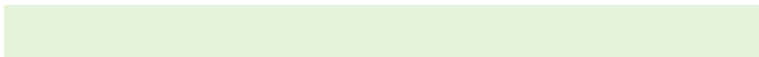
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8155, 0.3273, 0.3555



97.5558, 0.3305, 0.3615



85.6606, 0.3188, 0.3562



19.2435, 0.3256, 0.3525



43.8998, 0.4056, 0.5161



3.8776, 0.4075, 0.5147

Inverse Universe

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



71.1820, 0.2973, 0.3013



75.3025, 0.2936, 0.2947



73.2259, 0.3060, 0.3020



15.9888, 0.2991, 0.3046



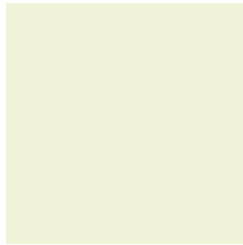
3.6499, 0.1525, 0.0614



0.3419, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 87.8117, 0.3273, 0.3555 looks on a white background.

Color Contrast Check

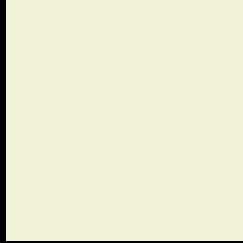
Large Text (above 18pt) WCAG AA × Fail

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 87.8117, 0.3273, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

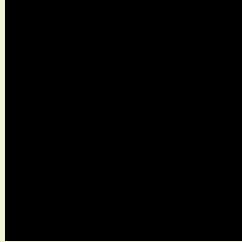
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

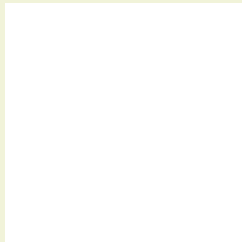
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.8117, 0.3273, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 87.8117, 0.3273, 0.3555.

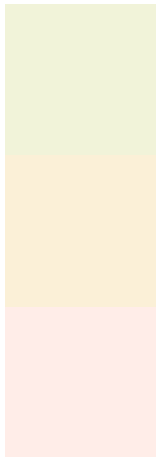


This preview shows how white text looks on a background with the Yxy color 87.8117, 0.3273, 0.3555.

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

87.8117, 0.3273, 0.3555

Protanopia

87.7357, 0.3358, 0.3541

Deuteranopia

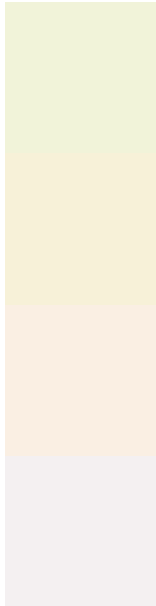
87.6546, 0.3280, 0.3340



Tritanopia

87.9619, 0.3076, 0.3124

Trichromacy



Original Color

87.8117, 0.3273, 0.3555

Protanomaly

87.6426, 0.3323, 0.3543

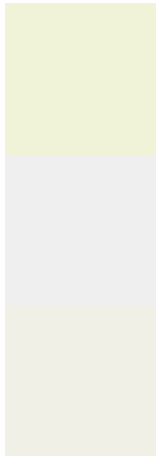
Deuteranomaly

87.6030, 0.3276, 0.3410

Tritanomaly

87.9041, 0.3147, 0.3280

Monochromacy



Original Color

87.8117, 0.3273, 0.3555

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.6150, 0.3182, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.8117, 0.3273, 0.3555 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, 243, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 217)  
}
```

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, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 217) }
```

Border

The CSS property to change the border of an element to Yxy 87.8117, 0.3273, 0.3555 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, 243, 217) }
```

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

```
.border{ border-color:rgb(241, 243, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 87.8117, 0.3273, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 217) }
```

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

```
.background{ background-color: rgb(241,  
243, 217) }
```

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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