

Converting Colors

Yxy(86.2431, 0.3300, 0.3535)

Have a look what the booklet for
Yxy(86.2431, 0.3300, 0.3535)
contains.

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Color

Yxy(86.3327, 0.3297, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	F3F0D8
RGB	243, 240, 216
RGB Percent	95%, 94%, 85%
CMY	0.0470, 0.0588, 0.1530
CMYK	0.00, 0.01, 0.11, 0.05
HSL	53°, 53%, 90%
HSV	53°, 11%, 95%
XYZ	80.5202, 86.3327, 77.3697
YIQ	238.1610, 9.4920, -6.8280

Conversions

Conversions Part 2

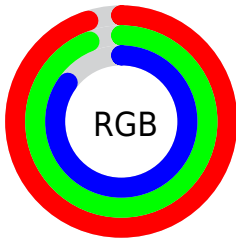
Format	Color
R _Y B	219, 243, 216
Decimal	15986904
CIE Lab	94.45, -2.99, 11.97
CIE LCh	94, 12.336, 104.028
Yxy	86.3327, 0.3297, 0.3535
Android (android.graphics.Color)	4294176984 (0xFFFF3F0D8)
YUV	238.1610, -10.9254, 4.2438
Hunter-Lab	92.9154, -7.9144, 15.6706

Details

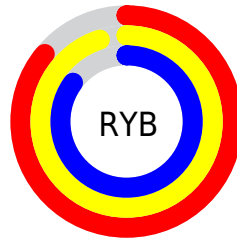
The Yxy color **86.3327, 0.3297, 0.3535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.7314, 0.2952, 0.3033**, and the grayscale version is **85.7155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4190, 0.3338, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **83.5841, 0.3458, 0.3762**, and if you desaturate by 10%, it is **89.2987, 0.3144, 0.3314**.

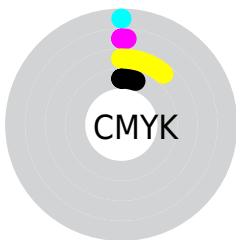
Distribution



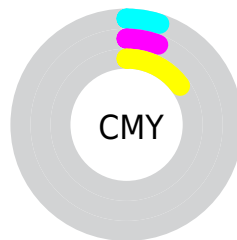
- Red (95%)
- Green (94%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3327, 0.3297, 0.3535 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 86.3327, 0.3297, 0.3535 by changing the saturation by 10% instead.

86.3327, 0.3297,
0.3535

86.3327, 0.3297,
0.3535

516.0276, 0.3221,
0.3424

64.9431, 0.3314,
0.3560

142.2337, 0.3271,
0.3497

47.4150, 0.3334,
0.3590

177.5139, 0.3261,
0.3482

33.3638, 0.3359,
0.3628

218.1930, 0.3252,
0.3469

22.4053, 0.3392,
0.3676

264.6556, 0.3244,
0.3458

14.1550, 0.3434,
0.3741

317.2859, 0.3238,
0.3448

8.2286, 0.3493,
0.3831

376.4685, 0.3231,

4.2415, 0.3579,

0.3439

0.3966

442.5876, 0.3226,
0.3431

■ 1.8096, 0.3715,
0.4189

■ 0.4931, 0.4452,
0.5548

■ 86.3327, 0.3297,
0.3535

■ 86.3327, 0.3297,
0.3535

■ 83.5841, 0.3458,
0.3762

■ 89.2987, 0.3144,
0.3314

■ 81.0333, 0.3622,
0.3990

■ 91.8458, 0.3056,
0.3196

■ 78.6752, 0.3785,
0.4210

■ 93.5050, 0.3055,
0.3223

■ 76.5003, 0.3942,
0.4412

■ 95.1884, 0.3055,
0.3250

■ 74.4981, 0.4084,
0.4587

■ 96.8962, 0.3054,
0.3276

■ 72.6569, 0.4205,
0.4726

■ 97.7989, 0.3054,
0.3290

■ 70.9631, 0.4301,
0.4821

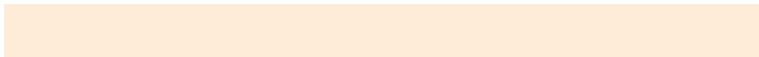
■ 69.4007, 0.4368,
0.4870

■ 68.1019, 0.4408,
0.4882

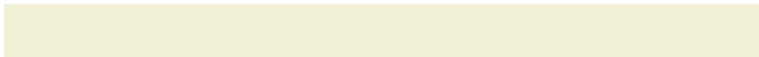
Harmonies

Analogous

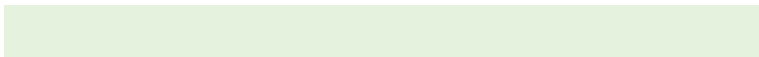
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3327, 0.3385, 0.3486



86.3327, 0.3297, 0.3535



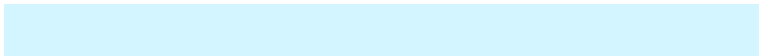
86.3327, 0.3165, 0.3517

Triad

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



86.3327, 0.3297, 0.3535



86.3327, 0.2860, 0.3184



86.3327, 0.3227, 0.3153

Complementary

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



86.3327, 0.3297, 0.3535



71.7314, 0.2952, 0.3033

Split Complementary

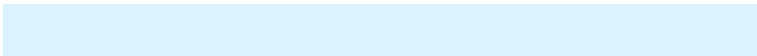
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3327, 0.3085, 0.3076



86.3327, 0.3297, 0.3535



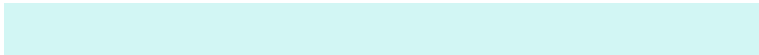
86.3327, 0.2875, 0.3091

Square

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



86.3327, 0.3297, 0.3535



86.3327, 0.2914, 0.3310



86.3327, 0.2957, 0.3053



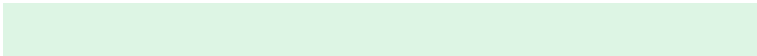
86.3327, 0.3344, 0.3266

Rectangle

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



86.3327, 0.3297, 0.3535



86.3327, 0.3070, 0.3467



86.3327, 0.2957, 0.3053



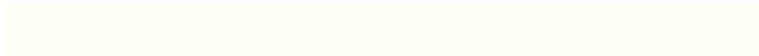
86.3327, 0.3180, 0.3122

Sweetspot

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



86.3365, 0.3297, 0.3535



98.9728, 0.3172, 0.3355



73.2809, 0.3304, 0.3258



21.1263, 0.3184, 0.3373



0.0000, 0.0000, 0.0000



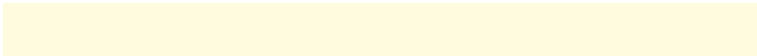
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3365, 0.3297, 0.3535



95.7050, 0.3327, 0.3578



86.3378, 0.3224, 0.3571



18.9787, 0.3271, 0.3498



37.4939, 0.4404, 0.4885



3.3837, 0.4374, 0.4909

Inverse Universe

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



71.7314, 0.2952, 0.3033



76.8766, 0.2920, 0.2985



71.7977, 0.3023, 0.3006



16.2248, 0.2979, 0.3073



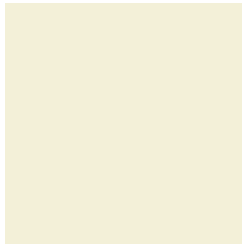
4.0806, 0.1522, 0.0679



0.4544, 0.1566, 0.0835

Previews

White Background



This preview shows how the Yxy color 86.3327, 0.3297, 0.3535 looks on a white background.

Color Contrast Check

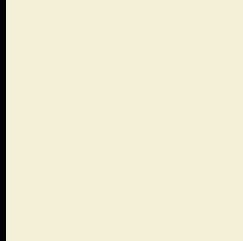
Large Text (above 18pt) WCAG AA × Fail

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 86.3327, 0.3297, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

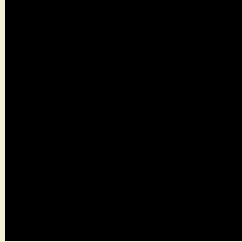
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

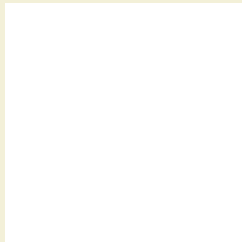
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3327, 0.3297, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 86.3327, 0.3297, 0.3535.

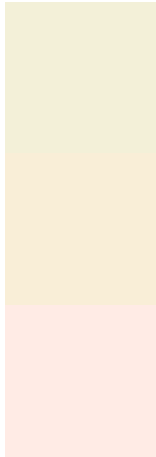


This preview shows how white text looks on a background with the Yxy color 86.3327, 0.3297, 0.3535.

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

86.3327, 0.3297, 0.3535

Protanopia

86.1951, 0.3347, 0.3522

Deuteranopia

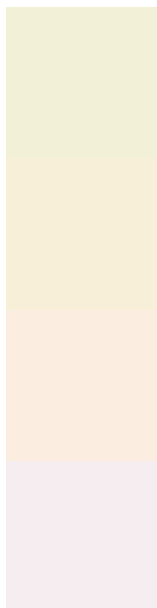
86.3338, 0.3302, 0.3350



Tritanopia

86.4650, 0.3102, 0.3114

Trichromacy



Original Color

86.3327, 0.3297, 0.3535

Protanomaly

86.4135, 0.3332, 0.3533

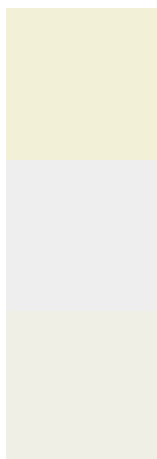
Deuteranomaly

86.4594, 0.3304, 0.3420

Tritanomaly

86.4525, 0.3169, 0.3260

Monochromacy



Original Color

86.3327, 0.3297, 0.3535

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.9714, 0.3189, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3327, 0.3297, 0.3535 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(243, 240, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 216)  
}
```

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(243, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 216) }
```

Border

The CSS property to change the border of an element to Yxy 86.3327, 0.3297, 0.3535 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(243, 240, 216) }
```

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

```
.border{ border-color:rgb(243, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3327, 0.3297, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 216) }
```

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

```
.background{ background-color: rgb(243,  
240, 216) }
```

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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