

Converting Colors

$Y_{xy}(86.3131, 0.3228, 0.3300)$

Have a look what the booklet for
Yxy(86.3131, 0.3228, 0.3300)
contains.

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Color

Yxy(86.3131, 0.3228, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	FAECEB
RGB	250, 236, 235
RGB Percent	98%, 93%, 92%
CMY	0.0194, 0.0746, 0.0784
CMYK	0.00, 0.06, 0.06, 0.02
HSL	4°, 60%, 95%
HSV	4°, 6%, 98%
XYZ	84.4299, 86.3131, 90.8118
YIQ	240.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

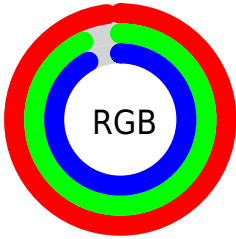
Format	Color
R _Y B	250, 236, 235
Decimal	16444651
CIE Lab	94.45, 4.58, 2.16
CIE LCh	94, 5.068, 25.284
Yxy	86.3131, 0.3228, 0.3300
Android (android.graphics.Color)	4294634731 (0xFFFAECEB)
YUV	240.0720, -2.5005, 8.7069
Hunter-Lab	92.9048, -0.3666, 7.0791

Details

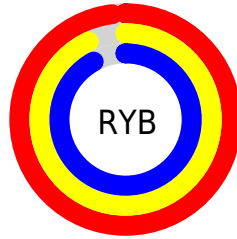
The Yxy color **86.3131, 0.3228, 0.3300** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **92.3654, 0.3034, 0.3280**, and the grayscale version is **87.2193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2346, 0.3248, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **72.3815, 0.3427, 0.3318**, and if you desaturate by 10%, it is **99.0740, 0.3097, 0.3290**.

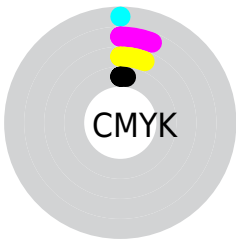
Distribution



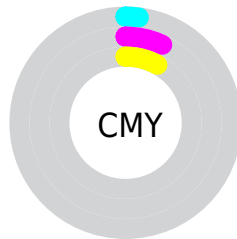
- Red (98%)
- Green (93%)
- Blue (92%)



- Red (98%)
- Yellow (93%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3131, 0.3228, 0.3300 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 86.3131, 0.3228, 0.3300 by changing the saturation by 10% instead.


 86.3131, 0.3228,
0.3300

 86.3131, 0.3228,
0.3300


515.9631, 0.3183,
0.3296

 64.9269, 0.3238,
0.3301

142.2063, 0.3212,
0.3299

 47.4018, 0.3250,
0.3302


177.4822, 0.3206,
0.3298

 33.3534, 0.3266,
0.3303


218.1567, 0.3201,
0.3298

 22.3973, 0.3286,
0.3305


264.6142, 0.3197,
0.3297

 14.1491, 0.3312,
0.3307

317.2393, 0.3192,
0.3297

 8.2245, 0.3349,
0.3310

376.4161, 0.3189,

 4.2389, 0.3404,

0.3296

0.3313

442.5293, 0.3186,
0.3296

■ 1.8081, 0.3496,
0.3319

■ 0.4922, 0.3980,
0.3379

■ 86.3131, 0.3228,
0.3300

■ 86.3131, 0.3228,
0.3300

■ 72.3815, 0.3427,
0.3318

■ 99.0740, 0.3097,
0.3290

■ 60.3345, 0.3675,
0.3337

■ 50.0945, 0.3979,
0.3356

■ 41.5745, 0.4346,
0.3373

■ 34.6800, 0.4772,
0.3386

■ 29.3075, 0.5236,
0.3392

■ 25.3417, 0.5691,
0.3385

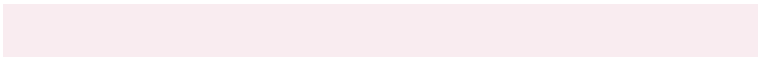
■ 22.6507, 0.6069,
0.3366

■ 21.0776, 0.6308,
0.3336

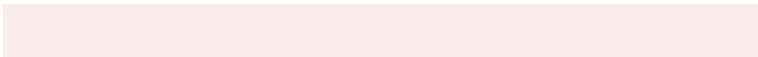
Harmonies

Analogous

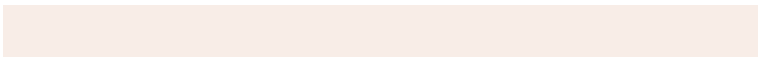
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3131, 0.3188, 0.3250



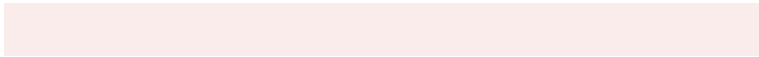
86.3131, 0.3228, 0.3300



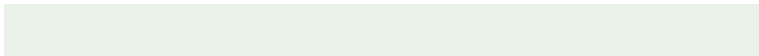
86.3131, 0.3240, 0.3348

Triad

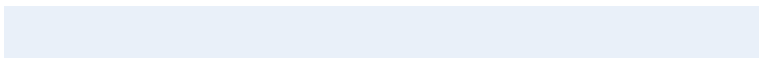
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3131, 0.3228, 0.3300



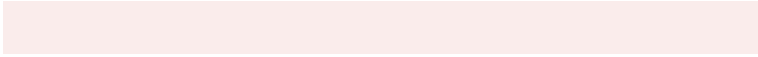
86.3131, 0.3121, 0.3372



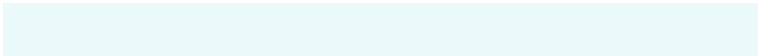
86.3131, 0.3033, 0.3199

Complementary

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



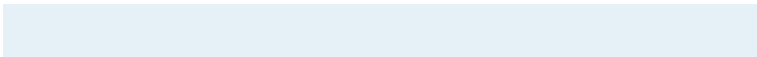
86.3131, 0.3228, 0.3300



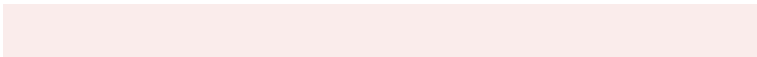
92.3654, 0.3034, 0.3280

Split Complementary

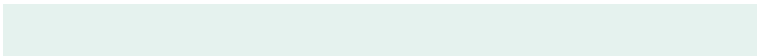
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3131, 0.3015, 0.3231



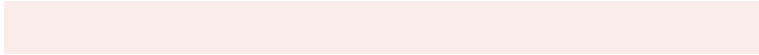
86.3131, 0.3228, 0.3300



86.3131, 0.3066, 0.3331

Square

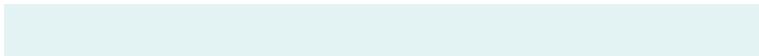
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3131, 0.3228, 0.3300



86.3131, 0.3179, 0.3390



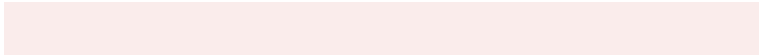
86.3131, 0.3027, 0.3279



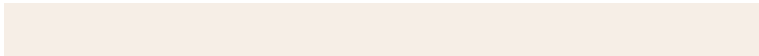
86.3131, 0.3075, 0.3192

Rectangle

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



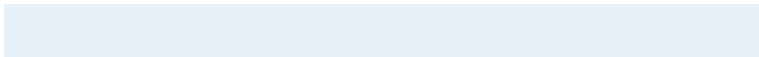
86.3131, 0.3228, 0.3300



86.3131, 0.3232, 0.3373



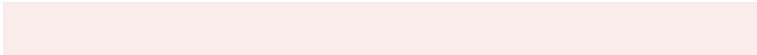
86.3131, 0.3027, 0.3279



86.3131, 0.3024, 0.3207

Sweetspot

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



86.3169, 0.3228, 0.3300



96.6717, 0.3159, 0.3293



86.6133, 0.3139, 0.3150



20.7266, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



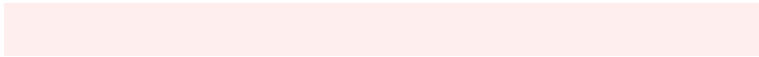
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3169, 0.3228, 0.3300



88.7152, 0.3246, 0.3302



90.6033, 0.3222, 0.3372



17.9930, 0.3257, 0.3303



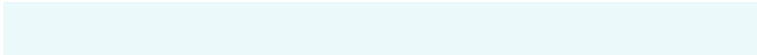
11.0508, 0.6354, 0.3336



1.0851, 0.6246, 0.3423

Inverse Universe

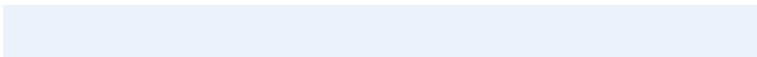
The Inverse Universe completely reimagines the original color for something new.



92.3654, 0.3034, 0.3280



96.0300, 0.3018, 0.3278



87.9414, 0.3034, 0.3207



19.6113, 0.3009, 0.3277



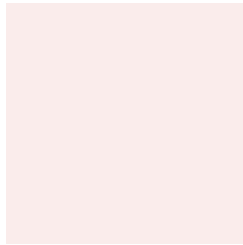
34.8676, 0.2190, 0.3085



3.2861, 0.2198, 0.3111

Previews

White Background



This preview shows how the Yxy color 86.3131, 0.3228, 0.3300 looks on a white background.

Color Contrast Check

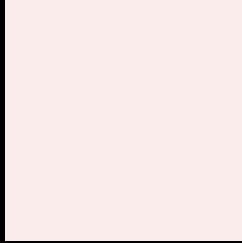
Large Text (above 18pt) WCAG AA × Fail

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 86.3131, 0.3228, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

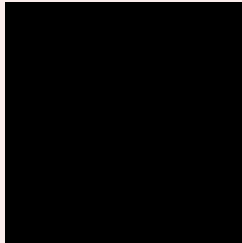
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

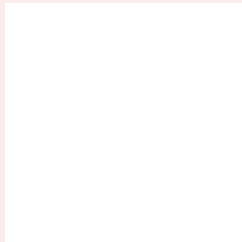
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3131, 0.3228, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 86.3131, 0.3228, 0.3300.

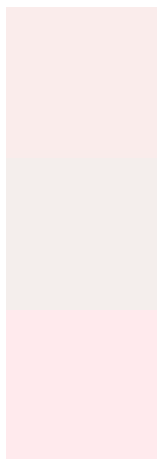


This preview shows how white text looks on a background with the Yxy color 86.3131, 0.3228, 0.3300.

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

86.3131, 0.3228, 0.3300

Protanopia

86.4383, 0.3179, 0.3310

Deuteranopia

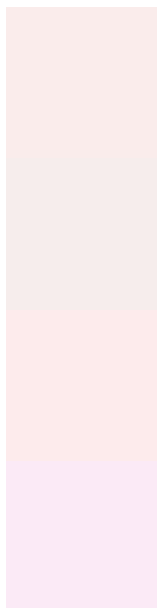
86.2201, 0.3251, 0.3261



Tritanopia

86.0015, 0.3136, 0.3105

Trichromacy



Original Color

86.3131, 0.3228, 0.3300

Protanomaly

86.2173, 0.3194, 0.3300

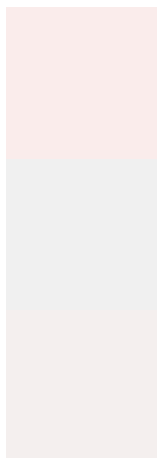
Deuteranomaly

86.3554, 0.3243, 0.3281

Tritanomaly

86.0087, 0.3166, 0.3172

Monochromacy



Original Color

86.3131, 0.3228, 0.3300

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.1391, 0.3166, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3131, 0.3228, 0.3300 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(250, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(250, 236, 235)  
}
```

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(250, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 236, 235) }
```

Border

The CSS property to change the border of an element to Yxy 86.3131, 0.3228, 0.3300 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(250, 236, 235) }
```

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

```
.border{ border-color:rgb(250, 236, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 236,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3131, 0.3228, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 236, 235) }
```

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

```
.background{ background-color: rgb(250,  
236, 235) }
```

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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