

Converting Colors

$Yxy(84.4356, 0.3229, 0.3316)$

Have a look what the booklet for
Yxy(84.4356, 0.3229, 0.3316)
contains.

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Color

Yxy(84.4460, 0.3228, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	F7EAE8
RGB	247, 234, 232
RGB Percent	97%, 92%, 91%
CMY	0.0313, 0.0824, 0.0901
CMYK	0.00, 0.05, 0.06, 0.03
HSL	8°, 48%, 94%
HSV	8°, 6%, 97%
XYZ	82.3540, 84.4460, 88.3239
YIQ	237.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

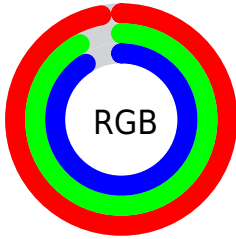
Format	Color
R _Y B	247, 234, 232
Decimal	16247528
CIE Lab	93.64, 4.07, 2.52
CIE LCh	94, 4.784, 31.741
Yxy	84.4460, 0.3228, 0.3310
Android (android.graphics.Color)	4294437608 (0xFF7EAE8)
YUV	237.6590, -2.7899, 8.1921
Hunter-Lab	91.8945, -0.8473, 7.3399

Details

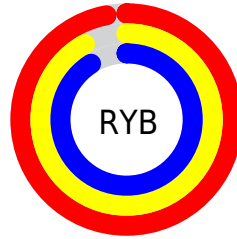
The Yxy color **84.4460, 0.3228, 0.3310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2133, 0.3033, 0.3270**, and the grayscale version is **85.2450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0517, 0.3258, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **71.6552, 0.3424, 0.3345**, and if you desaturate by 10%, it is **98.5177, 0.3078, 0.3290**.

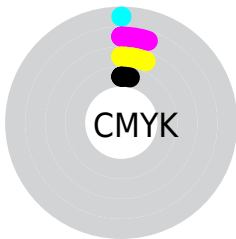
Distribution



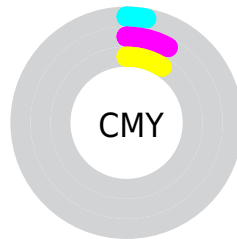
- Red (97%)
- Green (92%)
- Blue (91%)



- Red (97%)
- Yellow (92%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4460, 0.3228, 0.3310 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 84.4460, 0.3228, 0.3310 by changing the saturation by 10% instead.


 84.4460, 0.3228,
0.3310

 84.4460, 0.3228,
0.3310

509.7931, 0.3182,
0.3301

 63.3837, 0.3238,
0.3312


139.5989, 0.3212,
0.3307

 46.1517, 0.3251,
0.3314


174.4583, 0.3206,
0.3306

 32.3656, 0.3266,
0.3317


214.6855, 0.3201,
0.3305

 21.6409, 0.3286,
0.3321

260.6650, 0.3196,
0.3304

 13.5933, 0.3313,
0.3325

312.7811, 0.3192,
0.3303

 7.8383, 0.3351,
0.3332

371.4182, 0.3189,

 3.9917, 0.3408,

0.3302

0.3341

436.9608, 0.3185,
0.3302

■ 1.6689, 0.3504,
0.3356

■ 0.4034, 0.4200,
0.3510

■ 84.4460, 0.3228,
0.3310

■ 84.4460, 0.3228,
0.3310

■ 71.6552, 0.3424,
0.3345

■ 98.5177, 0.3078,
0.3290

■ 60.4771, 0.3664,
0.3382

■ 50.8508, 0.3956,
0.3419

■ 42.7076, 0.4305,
0.3454

■ 35.9733, 0.4708,
0.3481

■ 30.5676, 0.5148,
0.3494

■ 26.4017, 0.5587,
0.3486

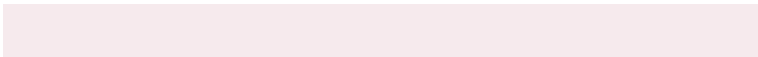
■ 23.3762, 0.5967,
0.3453

■ 21.3755, 0.6231,
0.3397

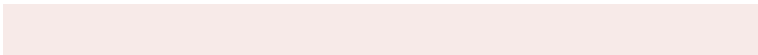
Harmonies

Analogous

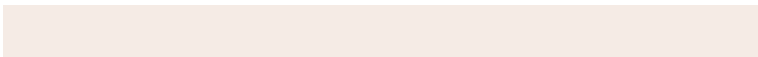
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4460, 0.3195, 0.3262



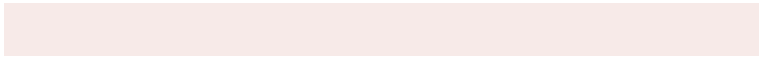
84.4460, 0.3228, 0.3310



84.4460, 0.3234, 0.3354

Triad

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



84.4460, 0.3228, 0.3310



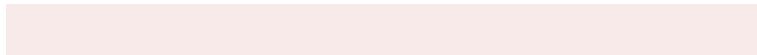
84.4460, 0.3110, 0.3361



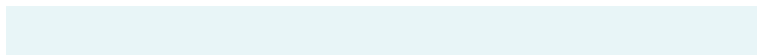
84.4460, 0.3044, 0.3200

Complementary

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



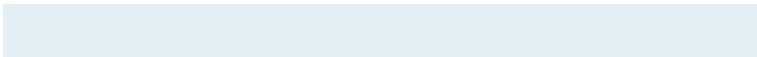
84.4460, 0.3228, 0.3310



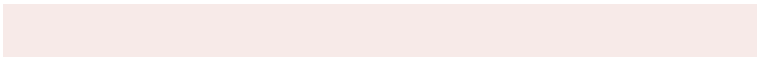
89.2133, 0.3033, 0.3270

Split Complementary

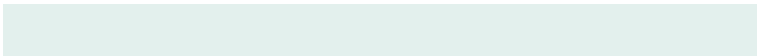
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4460, 0.3022, 0.3226



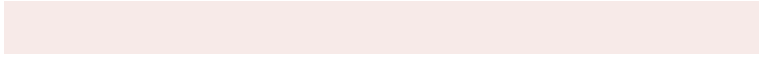
84.4460, 0.3228, 0.3310



84.4460, 0.3060, 0.3319

Square

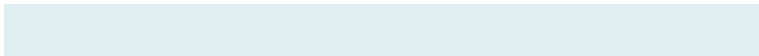
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4460, 0.3228, 0.3310



84.4460, 0.3165, 0.3384



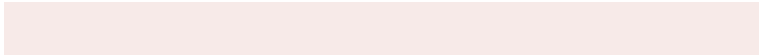
84.4460, 0.3028, 0.3269



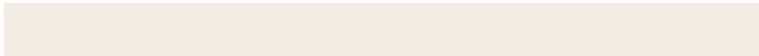
84.4460, 0.3089, 0.3199

Rectangle

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



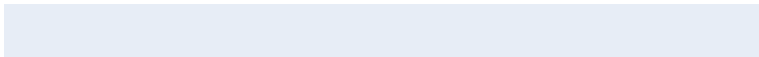
84.4460, 0.3228, 0.3310



84.4460, 0.3221, 0.3374



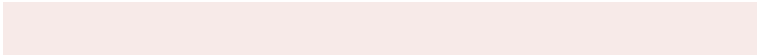
84.4460, 0.3028, 0.3269



84.4460, 0.3034, 0.3206

Sweetspot

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



84.4497, 0.3228, 0.3310



96.8816, 0.3159, 0.3297



84.1166, 0.3145, 0.3159



20.7693, 0.3157, 0.3296



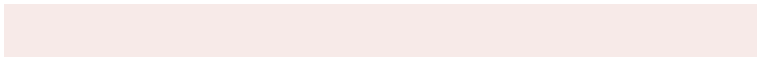
0.0000, 0.0000, 0.0000



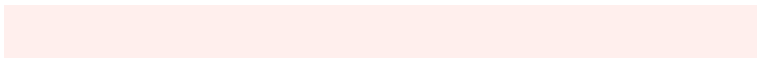
21.4041, 0.3127, 0.3290

Same Dimension

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



84.4497, 0.3228, 0.3310



89.4054, 0.3245, 0.3313



88.6780, 0.3222, 0.3382



17.3609, 0.3255, 0.3315



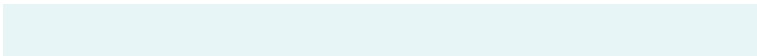
11.1293, 0.6285, 0.3392



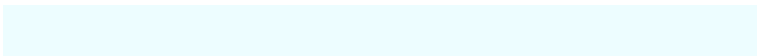
1.0863, 0.6092, 0.3545

Inverse Universe

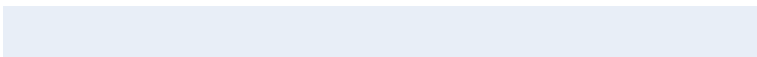
The Inverse Universe completely reimagines the original color for something new.



89.2133, 0.3033, 0.3270



95.2843, 0.3018, 0.3267



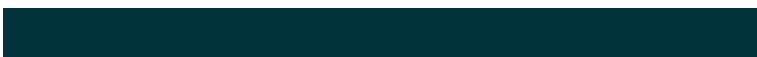
84.8958, 0.3034, 0.3196



18.6024, 0.3010, 0.3265



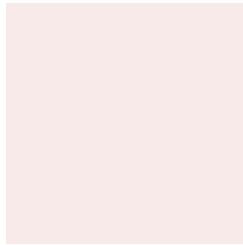
29.2911, 0.2130, 0.2869



2.6755, 0.2146, 0.2927

Previews

White Background



This preview shows how the Yxy color 84.4460, 0.3228, 0.3310 looks on a white background.

Color Contrast Check

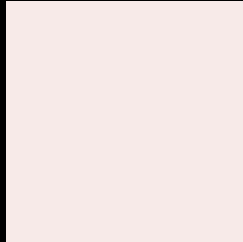
Large Text (above 18pt) WCAG AA × Fail

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 84.4460, 0.3228, 0.3310 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

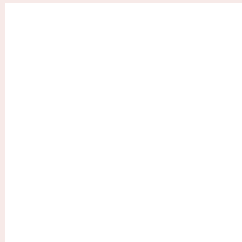
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4460, 0.3228, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 84.4460, 0.3228, 0.3310.

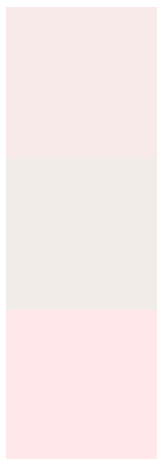


This preview shows how white text looks on a background with the Yxy color 84.4460, 0.3228, 0.3310.

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

84.4460, 0.3228, 0.3310

Protanopia

84.7513, 0.3186, 0.3321

Deuteranopia

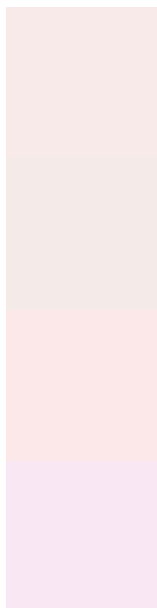
84.3523, 0.3273, 0.3261



Tritanopia

84.3154, 0.3142, 0.3113

Trichromacy



Original Color

84.4460, 0.3228, 0.3310

Protanomaly

84.5330, 0.3200, 0.3310

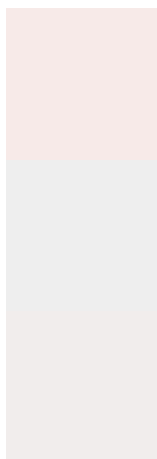
Deuteranomaly

84.2919, 0.3258, 0.3280

Tritanomaly

84.3240, 0.3173, 0.3181

Monochromacy



Original Color

84.4460, 0.3228, 0.3310

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.3253, 0.3160, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4460, 0.3228, 0.3310 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(247, 234, 232)` looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 232)  
}
```

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(247, 234, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 232) }
```

Border

The CSS property to change the border of an element to Yxy 84.4460, 0.3228, 0.3310 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(247, 234, 232) }
```

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

```
.border{ border-color:rgb(247, 234, 232) }
```

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

Here you see how a box with a 4 pixel rgb(247, 234, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4460, 0.3228, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 232) }
```

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

```
.background{ background-color: rgb(247,  
234, 232) }
```

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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