

Converting Colors

$Y_{xy}(84.7588, 0.3212, 0.3351)$

Have a look what the booklet for
Yxy(84.7588, 0.3212, 0.3351)
contains.

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Color

Yxy(84.7588, 0.3212, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	F3ECE6
RGB	243, 236, 230
RGB Percent	95%, 93%, 90%
CMY	0.0470, 0.0745, 0.0981
CMYK	0.00, 0.03, 0.05, 0.05
HSL	28°, 35%, 93%
HSV	28°, 5%, 95%
XYZ	81.2430, 84.7588, 86.9340
YIQ	237.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

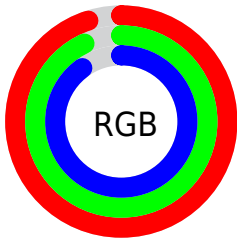
Format	Color
R _Y B	243, 241, 230
Decimal	15985894
CIE Lab	93.78, 1.33, 3.73
CIE LCh	94, 3.964, 70.363
Yxy	84.7588, 0.3212, 0.3351
Android (android.graphics.Color)	4294175974 (0xFF3ECE6)
YUV	237.4090, -3.6526, 4.9033
Hunter-Lab	92.0645, -3.5944, 8.4592

Details

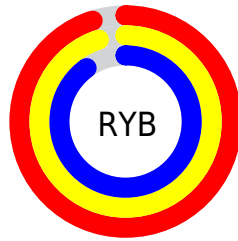
The Yxy color **84.7588, 0.3212, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.8647, 0.3045, 0.3228**, and the grayscale version is **85.0482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3025, 0.3228, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **76.2295, 0.3389, 0.3470**, and if you desaturate by 10%, it is **94.0379, 0.3059, 0.3239**.

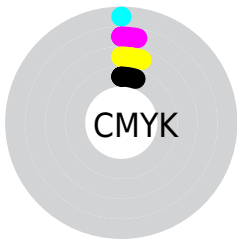
Distribution



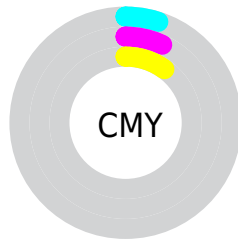
- Red (95%)
- Green (93%)
- Blue (90%)



- Red (95%)
- Yellow (95%)
- Blue (90%)



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




- Cyan (5%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7588, 0.3212, 0.3351 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 84.7588, 0.3212, 0.3351 by changing the saturation by 10% instead.

 84.7588, 0.3212,
0.3351

 84.7588, 0.3212,
0.3351


510.8296, 0.3174,
0.3324

 63.6421, 0.3221,
0.3357


140.0361, 0.3199,
0.3342

 46.3609, 0.3231,
0.3364


174.9656, 0.3194,
0.3338

 32.5307, 0.3244,
0.3374


215.2680, 0.3189,
0.3335

 21.7672, 0.3261,
0.3386

261.3279, 0.3185,
0.3332

 13.6859, 0.3283,
0.3401

313.5296, 0.3182,
0.3330

 7.9025, 0.3315,
0.3423

372.2575, 0.3179,

 4.0326, 0.3362,

0.3327

0.3456

437.8961, 0.3176,
0.3325

■ 1.6918, 0.3442,
0.3511

■ 0.4184, 0.4124,
0.4011

■ 84.7588, 0.3212,
0.3351

■ 84.7588, 0.3212,
0.3351

■ 76.2295, 0.3389,
0.3470

■ 94.0379, 0.3059,
0.3239

■ 68.4194, 0.3592,
0.3595

■ 97.7974, 0.3054,
0.3290

■ 61.3117, 0.3822,
0.3722

■ 54.8847, 0.4080,
0.3844

■ 49.1156, 0.4361,
0.3953

■ 43.9799, 0.4655,
0.4037

■ 39.4511, 0.4949,
0.4083

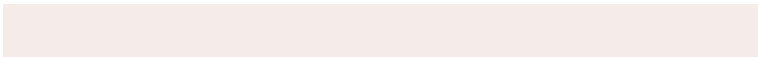
■ 35.5001, 0.5221,
0.4079

■ 32.0936, 0.5452,
0.4019

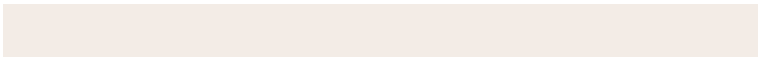
Harmonies

Analogous

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



84.7588, 0.3214, 0.3318



84.7588, 0.3212, 0.3351



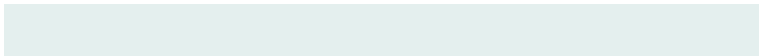
84.7588, 0.3187, 0.3368

Triad

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



84.7588, 0.3212, 0.3351



84.7588, 0.3062, 0.3302



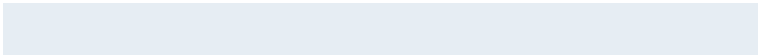
84.7588, 0.3108, 0.3218

Complementary

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



84.7588, 0.3212, 0.3351



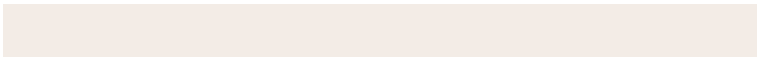
83.8647, 0.3045, 0.3228

Split Complementary

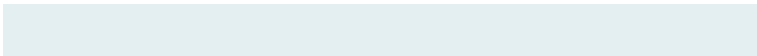
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7588, 0.3068, 0.3213



84.7588, 0.3212, 0.3351



84.7588, 0.3041, 0.3261

Square

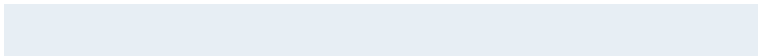
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7588, 0.3212, 0.3351



84.7588, 0.3100, 0.3340



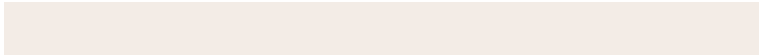
84.7588, 0.3043, 0.3229



84.7588, 0.3154, 0.3241

Rectangle

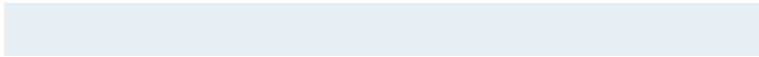
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7588, 0.3212, 0.3351



84.7588, 0.3160, 0.3368



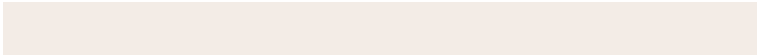
84.7588, 0.3043, 0.3229



84.7588, 0.3094, 0.3214

Sweetspot

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



84.7625, 0.3212, 0.3351



97.9362, 0.3158, 0.3313



81.7701, 0.3171, 0.3218



20.9841, 0.3157, 0.3311



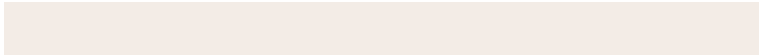
0.0000, 0.0000, 0.0000



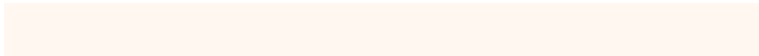
21.4041, 0.3127, 0.3290

Same Dimension

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



84.7625, 0.3212, 0.3351



93.9091, 0.3223, 0.3359



88.4912, 0.3207, 0.3415



18.2845, 0.3233, 0.3366



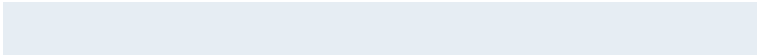
17.0997, 0.5520, 0.3999



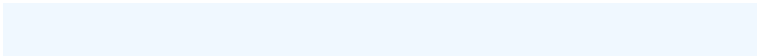
1.7062, 0.5312, 0.4164

Inverse Universe

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



83.8647, 0.3045, 0.3228



92.7899, 0.3034, 0.3220



80.2461, 0.3046, 0.3162



18.0433, 0.3025, 0.3213



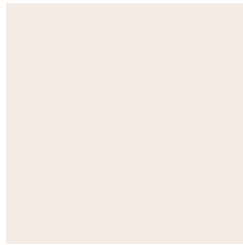
12.7114, 0.1808, 0.1707



1.3228, 0.1867, 0.1921

Previews

White Background



This preview shows how the Yxy color 84.7588, 0.3212, 0.3351 looks on a white background.

Color Contrast Check

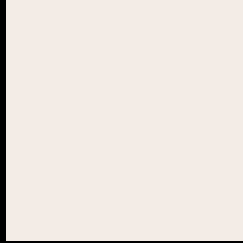
Large Text (above 18pt) WCAG AA × Fail

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 84.7588, 0.3212, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

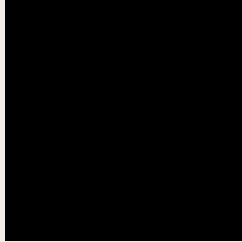
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

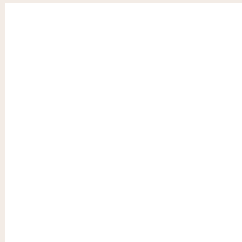
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.7588, 0.3212, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 84.7588, 0.3212, 0.3351.

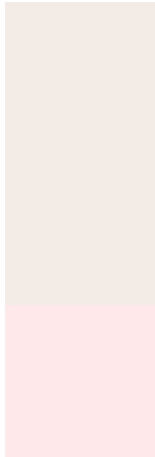


This preview shows how white text looks on a background with the Yxy color 84.7588, 0.3212, 0.3351.

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

84.7588, 0.3212, 0.3351

Protanopia

84.7588, 0.3212, 0.3351

Deuteranopia

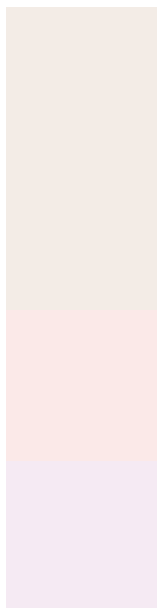
84.8564, 0.3279, 0.3281



Tritanopia

84.8357, 0.3102, 0.3112

Trichromacy



Original Color

84.7588, 0.3212, 0.3351

Protanomaly

84.7588, 0.3212, 0.3351

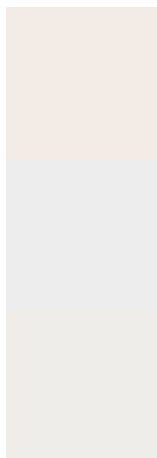
Deuteranomaly

84.6133, 0.3256, 0.3300

Tritanomaly

84.7292, 0.3145, 0.3200

Monochromacy



Original Color

84.7588, 0.3212, 0.3351

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.8596, 0.3159, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7588, 0.3212, 0.3351 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, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 236, 230)  
}
```

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, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 236, 230) }
```

Border

The CSS property to change the border of an element to Yxy 84.7588, 0.3212, 0.3351 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, 236, 230) }
```

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

```
.border{ border-color:rgb(243, 236, 230) }
```

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

Here you see how a box with a 4 pixel rgb(243, 236, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 236,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7588, 0.3212, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 236, 230) }
```

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

```
.background{ background-color: rgb(243,  
236, 230) }
```

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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