

Converting Colors

Yxy(84.8668, 0.3112, 0.3237)

Have a look what the booklet for
Yxy(84.8668, 0.3112, 0.3237)
contains.

Yxy(84.7524, 0.3110, 0.3229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(84.7524, 0.3110, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	EFECE2
RGB	239, 236, 242
RGB Percent	94%, 93%, 95%
CMY	0.0627, 0.0745, 0.0508
CMYK	0.01, 0.02, 0.00, 0.05
HSL	270°, 19%, 94%
HSV	270°, 2%, 95%
XYZ	81.6290, 84.7524, 96.0912
YIQ	237.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

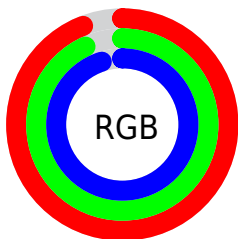
Format	Color
R _Y B	239, 236, 242
Decimal	15723762
CIE Lab	93.78, 2.09, -2.57
CIE LCh	94, 3.315, 309.178
Yxy	84.7524, 0.3110, 0.3229
Android (android.graphics.Color)	4293913842 (0xFFEFECF2)
YUV	237.5810, 2.1786, 1.2445
Hunter-Lab	92.0611, -2.8340, 2.5572

Details

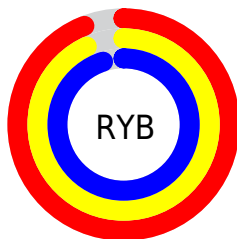
The Yxy color **84.7524, 0.3110, 0.3229** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.9368, 0.3144, 0.3351**, and the grayscale version is **85.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2550, 0.3105, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **69.7172, 0.3034, 0.2971**, and if you desaturate by 10%, it is **98.4618, 0.3178, 0.3415**.

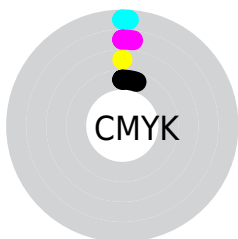
Distribution



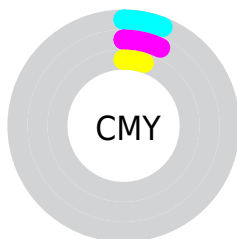
- Red (94%)
- Green (93%)
- Blue (95%)



- Red (94%)
- Yellow (93%)
- Blue (95%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)




- Cyan (6%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7524, 0.3110, 0.3229 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 84.7524, 0.3110, 0.3229 by changing the saturation by 10% instead.

 84.7524, 0.3110,
0.3229

 84.7524, 0.3110,
0.3229


510.8084, 0.3118,
0.3256

 63.6368, 0.3108,
0.3223


140.0272, 0.3113,
0.3238

 46.3566, 0.3106,
0.3215


174.9552, 0.3114,
0.3242

 32.5273, 0.3103,
0.3206

215.2561, 0.3115,
0.3245

 21.7646, 0.3100,
0.3194

261.3143, 0.3115,
0.3248

 13.6840, 0.3095,
0.3178

313.5143, 0.3116,
0.3251

 7.9012, 0.3089,
0.3156

372.2404, 0.3117,

 4.0318, 0.3079,

0.3253

0.3123

437.8769, 0.3117,
0.3255

■ 1.6914, 0.3062,
0.3069

■ 0.4181, 0.2987,
0.2784

■ 84.7524, 0.3110,
0.3229

■ 84.7524, 0.3110,
0.3229

■ 69.7172, 0.3034,
0.2971

■ 98.4618, 0.3178,
0.3415

■ 56.6294, 0.2945,
0.2694

■ 99.1932, 0.3202,
0.3415

■ 45.4094, 0.2843,
0.2401

■ 35.9676, 0.2728,
0.2101

■ 28.2071, 0.2603,
0.1806

■ 22.0213, 0.2471,
0.1529

■ 17.2909, 0.2338,
0.1286

■ 13.8788, 0.2208,
0.1091

■ 11.6199, 0.2089,
0.0952

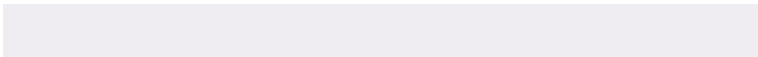
Harmonies

Analogous

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



84.7524, 0.3076, 0.3226



84.7524, 0.3110, 0.3229



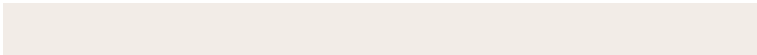
84.7524, 0.3148, 0.3248

Triad

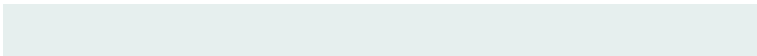
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7524, 0.3110, 0.3229



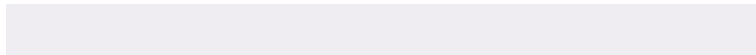
84.7524, 0.3199, 0.3340



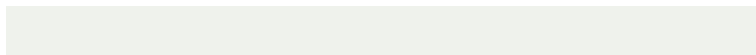
84.7524, 0.3073, 0.3302

Complementary

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



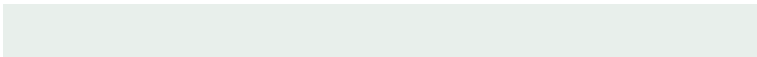
84.7524, 0.3110, 0.3229



87.9368, 0.3144, 0.3351

Split Complementary

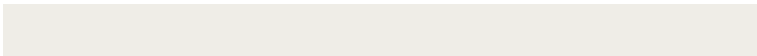
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7524, 0.3106, 0.3333



84.7524, 0.3110, 0.3229



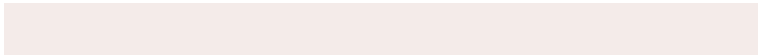
84.7524, 0.3178, 0.3355

Square

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



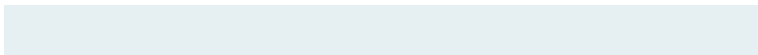
84.7524, 0.3110, 0.3229



84.7524, 0.3200, 0.3312



84.7524, 0.3144, 0.3352



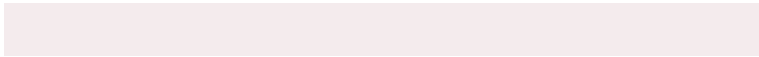
84.7524, 0.3055, 0.3268

Rectangle

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



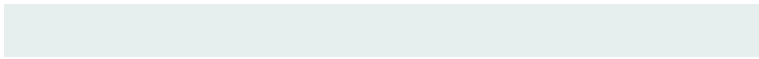
84.7524, 0.3110, 0.3229



84.7524, 0.3172, 0.3268



84.7524, 0.3144, 0.3352



84.7524, 0.3083, 0.3313

Sweetspot

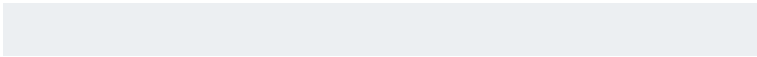
The Sweet Spot groups the original color and five complimentary colors.



84.7560, 0.3110, 0.3229



98.1432, 0.3120, 0.3266



85.9886, 0.3089, 0.3259



21.0263, 0.3121, 0.3267



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.



84.7560, 0.3110, 0.3229



94.4988, 0.3106, 0.3216



85.2857, 0.3130, 0.3229



17.4403, 0.3101, 0.3197



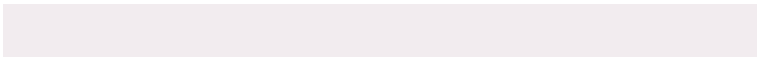
5.7171, 0.2025, 0.0889



0.5348, 0.2167, 0.0968

Inverse Universe

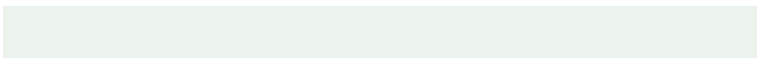
The Inverse Universe completely reimagines the original color for something new.



85.1052, 0.3149, 0.3260



94.9715, 0.3153, 0.3254



87.4160, 0.3124, 0.3351



17.5515, 0.3160, 0.3244



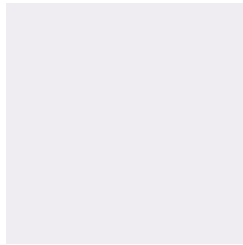
10.9075, 0.4962, 0.2507



0.9275, 0.4669, 0.2346

Previews

White Background



This preview shows how the Yxy color 84.7524, 0.3110, 0.3229 looks on a white background.

Color Contrast Check

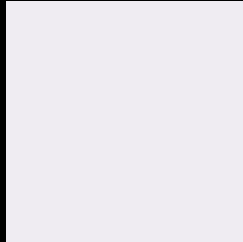
Large Text (above 18pt) WCAG AA × Fail

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 84.7524, 0.3110, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

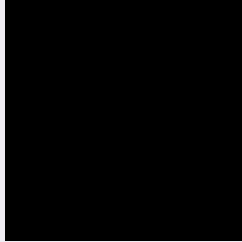
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

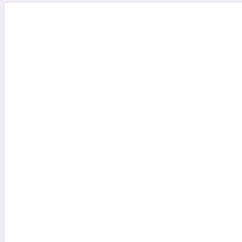
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.7524, 0.3110, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 84.7524, 0.3110, 0.3229.

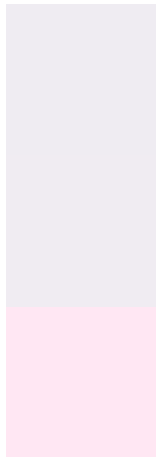


This preview shows how white text looks on a background with the Yxy color 84.7524, 0.3110, 0.3229.

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

84.7524, 0.3110, 0.3229

Protanopia

84.9270, 0.3117, 0.3230

Deuteranopia

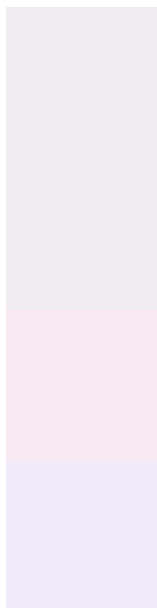
84.8829, 0.3214, 0.3173



Tritanopia

84.6383, 0.3057, 0.3101

Trichromacy



Original Color

84.7524, 0.3110, 0.3229

Protanomaly

84.9270, 0.3117, 0.3230

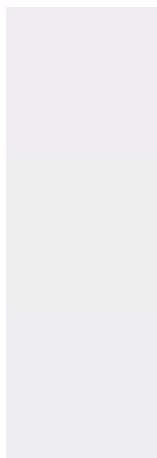
Deuteranomaly

84.8886, 0.3172, 0.3191

Tritanomaly

84.7815, 0.3074, 0.3150

Monochromacy



Original Color

84.7524, 0.3110, 0.3229

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.9775, 0.3121, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7524, 0.3110, 0.3229 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(239, 236, 242) looks like.

```
.text, #text, p{  
    color:rgb(239, 236, 242)  
}
```

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(239, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 236, 242) }
```

Border

The CSS property to change the border of an element to Yxy 84.7524, 0.3110, 0.3229 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(239, 236, 242) }
```

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

```
.border{ border-color:rgb(239, 236, 242) }
```

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

Here you see how a box with a 4 pixel rgb(239, 236, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 236,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7524, 0.3110, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 242) }
```

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

```
.background{ background-color: rgb(239,  
236, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor