

Converting Colors

Yxy(84.1291, 0.3141, 0.3339)

Have a look what the booklet for
Yxy(84.1291, 0.3141, 0.3339)
contains.

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Color

Yxy(84.0567, 0.3145, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	EBEDE8
RGB	235, 237, 232
RGB Percent	92%, 93%, 91%
CMY	0.0782, 0.0706, 0.0901
CMYK	0.01, 0.00, 0.02, 0.07
HSL	83°, 12%, 92%
HSV	83°, 2%, 93%
XYZ	79.1255, 84.0567, 88.4092
YIQ	235.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

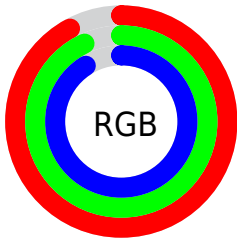
Format	Color
R _Y B	232, 237, 234
Decimal	15461864
CIE Lab	93.48, -1.52, 2.17
CIE LCh	93, 2.644, 125.005
Yxy	84.0567, 0.3145, 0.3341
Android (android.graphics.Color)	4293651944 (0xFFEBEDE8)
YUV	235.8320, -1.8892, -0.7297
Hunter-Lab	91.6824, -6.3918, 7.0045

Details

The Yxy color **84.0567, 0.3145, 0.3341** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3202, 0.3109, 0.3239**, and the grayscale version is **83.7684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.7660, 0.3150, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **81.2745, 0.3231, 0.3596**, and if you desaturate by 10%, it is **87.0629, 0.3065, 0.3113**.

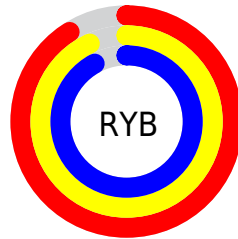
Distribution



Red (92%)

Green (93%)

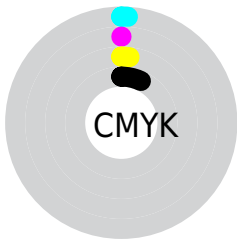
Blue (91%)



Red (91%)

Yellow (93%)

Blue (92%)

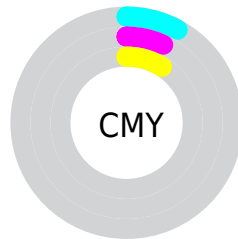


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (8%)

Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.0567, 0.3145, 0.3341 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 84.0567, 0.3145, 0.3341 by changing the saturation by 10% instead.

84.0567, 0.3145,
0.3341

84.0567, 0.3145,
0.3341

508.5015, 0.3137,
0.3318

63.0623, 0.3147,
0.3346

139.0545, 0.3142,
0.3333

45.8916, 0.3149,
0.3352

173.8266, 0.3141,
0.3330

32.1603, 0.3152,
0.3360

213.9601, 0.3140,
0.3327

21.4839, 0.3155,
0.3370

259.8393, 0.3139,
0.3325

13.4782, 0.3160,
0.3384

311.8487, 0.3139,
0.3323

7.7587, 0.3166,
0.3403

370.3726, 0.3138,

3.9409, 0.3176,

0.3321

435.7954, 0.3138,
0.3319

0.3432

1.6406, 0.3192,
0.3482

0.3847, 0.3351,
0.3922

84.0567, 0.3145,
0.3341

84.0567, 0.3145,
0.3341

81.2745, 0.3231,
0.3596

87.0629, 0.3065,
0.3113

78.7430, 0.3316,
0.3868

88.7550, 0.3125,
0.3116

76.4571, 0.3397,
0.4152

89.0416, 0.3135,
0.3117

74.4071, 0.3470,
0.4439

■ 72.5827, 0.3529,
0.4720

■ 70.9728, 0.3571,
0.4980

■ 69.5649, 0.3590,
0.5207

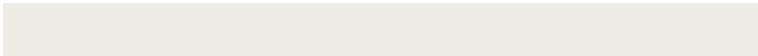
■ 68.3448, 0.3585,
0.5388

■ 67.2958, 0.3556,
0.5517

Harmonies

Analogous

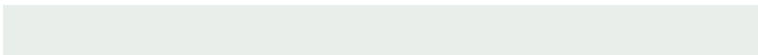
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0567, 0.3171, 0.3341



84.0567, 0.3145, 0.3341



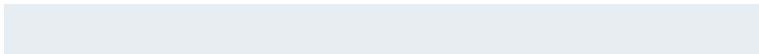
84.0567, 0.3114, 0.3327

Triad

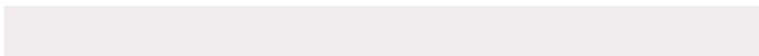
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0567, 0.3145, 0.3341



84.0567, 0.3069, 0.3252



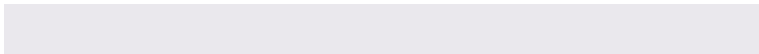
84.0567, 0.3167, 0.3277

Complementary

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



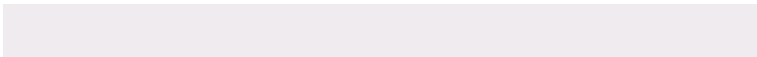
84.0567, 0.3145, 0.3341



81.3202, 0.3109, 0.3239

Split Complementary

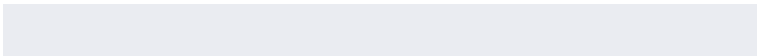
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0567, 0.3140, 0.3254



84.0567, 0.3145, 0.3341



84.0567, 0.3084, 0.3239

Square

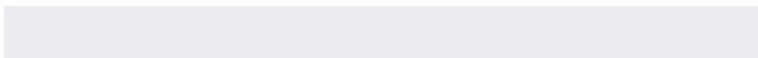
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



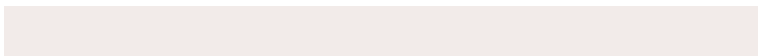
84.0567, 0.3145, 0.3341



84.0567, 0.3071, 0.3276



84.0567, 0.3109, 0.3240



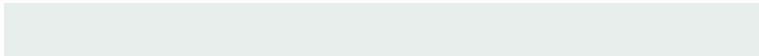
84.0567, 0.3184, 0.3304

Rectangle

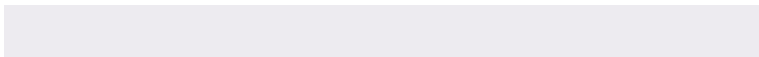
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



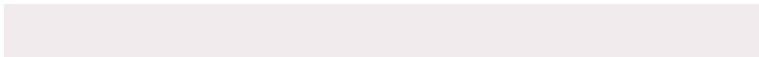
84.0567, 0.3145, 0.3341



84.0567, 0.3095, 0.3312



84.0567, 0.3109, 0.3240



84.0567, 0.3159, 0.3269

Sweetspot

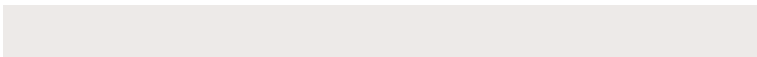
The Sweet Spot groups the original color and five complimentary colors.



84.0603, 0.3145, 0.3341



99.6493, 0.3136, 0.3314



82.6311, 0.3160, 0.3310



21.3328, 0.3135, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

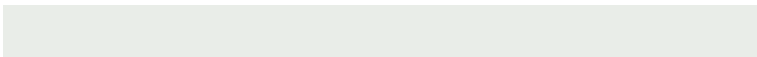
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0603, 0.3145, 0.3341



98.9573, 0.3153, 0.3364



83.6445, 0.3129, 0.3341



17.6532, 0.3159, 0.3383



36.4256, 0.3530, 0.5579



2.9155, 0.3621, 0.5507

Inverse Universe

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



81.3202, 0.3109, 0.3239



94.3397, 0.3101, 0.3216



81.7391, 0.3126, 0.3239



16.6209, 0.3094, 0.3197



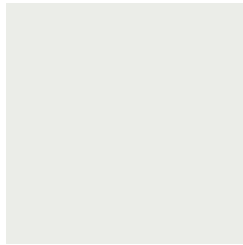
4.6549, 0.1828, 0.0781



0.4196, 0.1983, 0.0866

Previews

White Background



This preview shows how the Yxy color 84.0567, 0.3145, 0.3341 looks on a white background.

Color Contrast Check

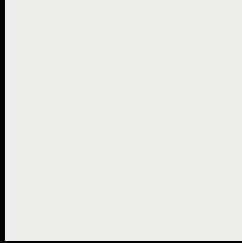
Large Text (above 18pt) WCAG AA × Fail

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 84.0567, 0.3145, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

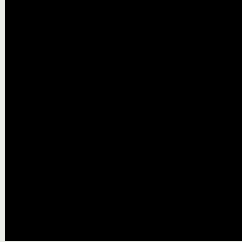
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

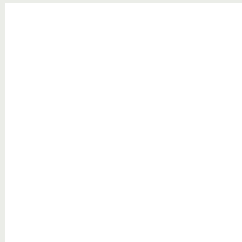
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.0567, 0.3145, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 84.0567, 0.3145, 0.3341.

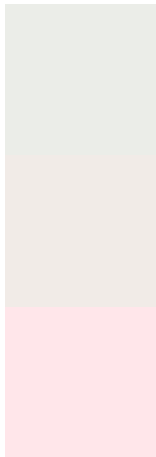


This preview shows how white text looks on a background with the Yxy color 84.0567, 0.3145, 0.3341.

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

84.0567, 0.3145, 0.3341

Protanopia

83.8870, 0.3193, 0.3331

Deuteranopia

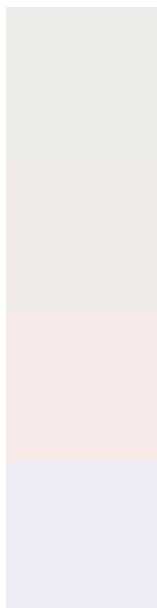
83.7941, 0.3274, 0.3251



Tritanopia

84.0511, 0.3043, 0.3110

Trichromacy



Original Color

84.0567, 0.3145, 0.3341

Protanomaly

84.1111, 0.3178, 0.3341

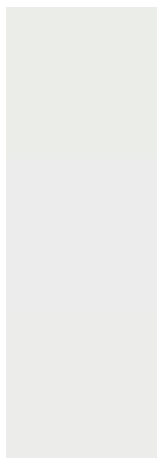
Deuteranomaly

84.1175, 0.3229, 0.3290

Tritanomaly

84.0138, 0.3079, 0.3189

Monochromacy



Original Color

84.0567, 0.3145, 0.3341

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.8219, 0.3133, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.0567, 0.3145, 0.3341 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(235, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 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(235, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 232) }
```

Border

The CSS property to change the border of an element to Yxy 84.0567, 0.3145, 0.3341 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(235, 237, 232) }
```

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

```
.border{ border-color:rgb(235, 237, 232) }
```

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

Here you see how a box with a 4 pixel rgb(235, 237, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 84.0567, 0.3145, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 232) }
```

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

```
.background{ background-color: rgb(235,  
237, 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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