

Converting Colors

$Y_{xy}(84.6702, 0.3344, 0.3396)$

Have a look what the booklet for
Yxy(84.6702, 0.3344, 0.3396)
contains.

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Color

Yxy(84.6226, 0.3343, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	FEE9DE
RGB	254, 233, 222
RGB Percent	100%, 91%, 87%
CMY	0.0038, 0.0863, 0.1294
CMYK	0.00, 0.08, 0.13, 0.00
HSL	21°, 94%, 93%
HSV	21°, 13%, 100%
XYZ	83.2039, 84.6226, 81.0635
YIQ	238.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

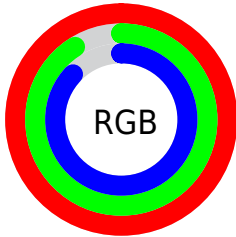
Format	Color
R_{YB}	254, 239, 222
Decimal	16706014
CIE _{Lab}	93.72, 5.37, 7.91
CIE _{LCh}	94, 9.559, 55.799
Yxy	84.6226, 0.3343, 0.3400
Android (android.graphics.Color)	4294896094 (0xFFFE9DE)
YUV	238.0250, -7.9003, 14.0101
Hunter-Lab	91.9905, 0.4669, 12.1461

Details

The Yxy color **84.6226, 0.3343, 0.3400** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.8127, 0.2931, 0.3177**, and the grayscale version is **85.5782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1046, 0.3390, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **74.3608, 0.3549, 0.3493**, and if you desaturate by 10%, it is **95.9904, 0.3168, 0.3312**.

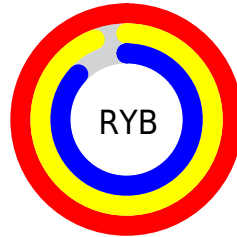
Distribution



Red (100%)

Green (91%)

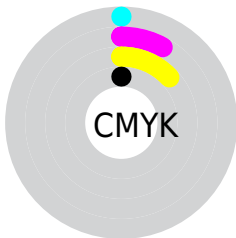
Blue (87%)



Red (100%)

Yellow (94%)

Blue (87%)

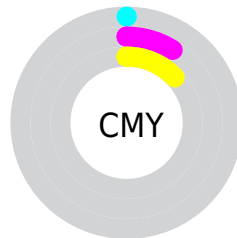


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.6226, 0.3343, 0.3400 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 84.6226, 0.3343, 0.3400 by changing the saturation by 10% instead.


 84.6226, 0.3343,
0.3400

 84.6226, 0.3343,
0.3400


510.3784, 0.3245,
0.3351

 63.5296, 0.3365,
0.3411


139.8458, 0.3310,
0.3383

 46.2698, 0.3392,
0.3424

174.7447, 0.3296,
0.3377

 32.4588, 0.3425,
0.3440


215.0144, 0.3285,
0.3371

 21.7121, 0.3468,
0.3460

261.0393, 0.3275,
0.3366

 13.6455, 0.3526,
0.3487

313.2038, 0.3266,
0.3362

 7.8746, 0.3607,
0.3523

371.8922, 0.3259,

 4.0148, 0.3729,

0.3358

0.3576

437.4889, 0.3252,
0.3354

■ 1.6818, 0.3933,
0.3658

■ 0.4119, 0.5593,
0.4407

■ 84.6226, 0.3343,
0.3400

■ 84.6226, 0.3343,
0.3400

■ 74.3608, 0.3549,
0.3493

■ 95.9904, 0.3168,
0.3312

■ 65.1598, 0.3790,
0.3589

99.8152, 0.3121,
0.3290

■ 56.9880, 0.4069,
0.3682

■ 49.8075, 0.4384,
0.3766

■ 43.5782, 0.4728,
0.3830

■ 38.2569, 0.5082,
0.3862

■ 33.7963, 0.5421,
0.3848

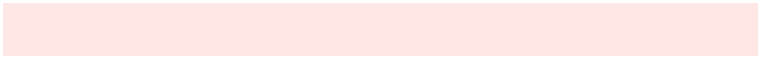
■ 30.1438, 0.5711,
0.3783

■ 27.9198, 0.5885,
0.3709

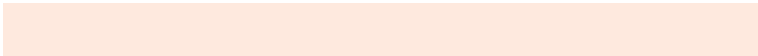
Harmonies

Analogous

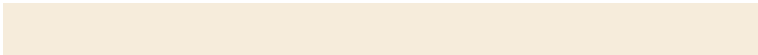
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6226, 0.3320, 0.3309



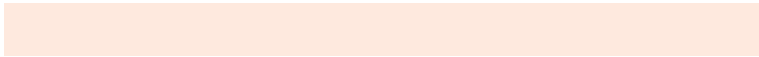
84.6226, 0.3343, 0.3400



84.6226, 0.3307, 0.3464

Triad

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



84.6226, 0.3343, 0.3400



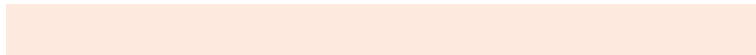
84.6226, 0.3010, 0.3366



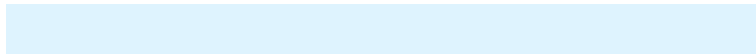
84.6226, 0.3030, 0.3106

Complementary

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



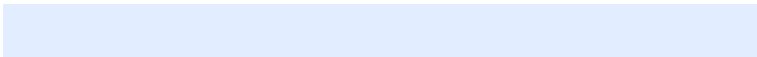
84.6226, 0.3343, 0.3400



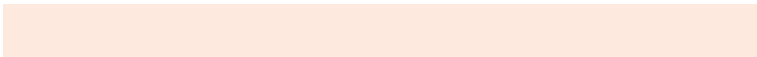
86.8127, 0.2931, 0.3177

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.



84.6226, 0.2950, 0.3117



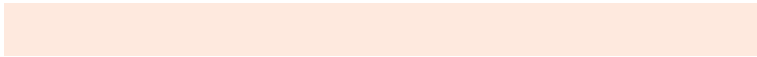
84.6226, 0.3343, 0.3400



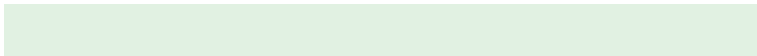
84.6226, 0.2938, 0.3266

Square

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



84.6226, 0.3343, 0.3400



84.6226, 0.3113, 0.3446



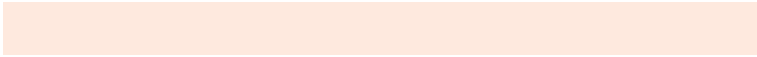
84.6226, 0.2916, 0.3175



84.6226, 0.3138, 0.3141

Rectangle

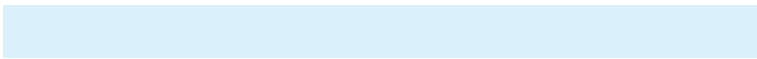
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6226, 0.3343, 0.3400



84.6226, 0.3255, 0.3481



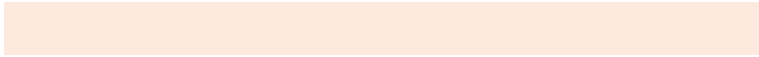
84.6226, 0.2916, 0.3175



84.6226, 0.2999, 0.3104

Sweetspot

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



84.6263, 0.3343, 0.3400



95.1600, 0.3191, 0.3324



79.8169, 0.3212, 0.3080



20.1777, 0.3203, 0.3330



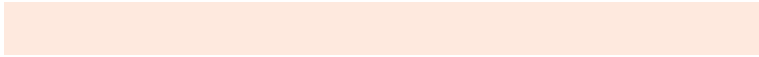
0.0000, 0.0000, 0.0000



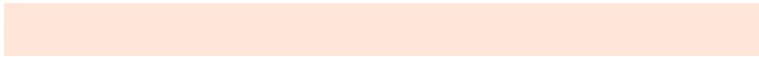
21.4041, 0.3127, 0.3290

Same Dimension

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



84.6263, 0.3343, 0.3400



82.7816, 0.3389, 0.3422



93.9083, 0.3323, 0.3552



19.0061, 0.3286, 0.3372



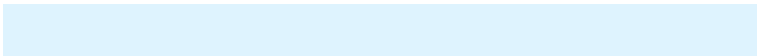
14.9624, 0.5856, 0.3732



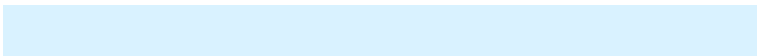
1.6508, 0.5638, 0.3906

Inverse Universe

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



86.8127, 0.2931, 0.3177



85.3625, 0.2894, 0.3154



77.8174, 0.2927, 0.3014



19.3701, 0.2980, 0.3206



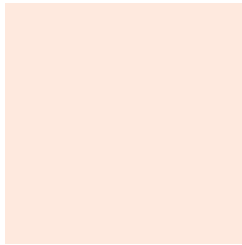
18.5968, 0.1923, 0.2123



2.0142, 0.1964, 0.2272

Previews

White Background



This preview shows how the Yxy color 84.6226, 0.3343, 0.3400 looks on a white background.

Color Contrast Check

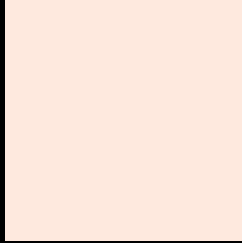
Large Text (above 18pt) WCAG AA × Fail

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 84.6226, 0.3343, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

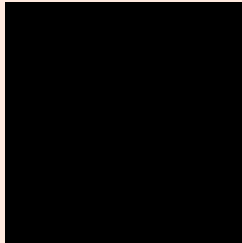
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.6226, 0.3343, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 84.6226, 0.3343, 0.3400.

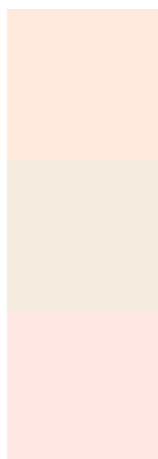


This preview shows how white text looks on a background with the Yxy color 84.6226, 0.3343, 0.3400.

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

84.6226, 0.3343, 0.3400

Protanopia

84.6058, 0.3257, 0.3412

Deuteranopia

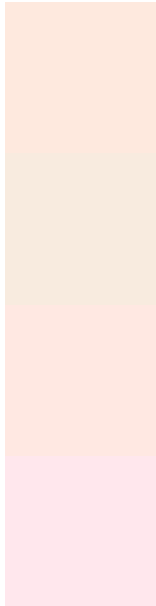
84.5747, 0.3311, 0.3330



Tritanopia

84.5074, 0.3196, 0.3134

Trichromacy



Original Color

84.6226, 0.3343, 0.3400

Protanomaly

84.7008, 0.3292, 0.3411

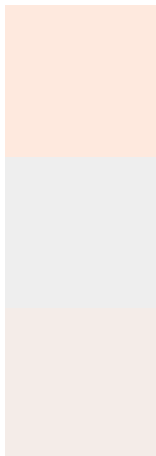
Deuteranomaly

84.4642, 0.3325, 0.3350

Tritanomaly

84.5263, 0.3253, 0.3231

Monochromacy



Original Color

84.6226, 0.3343, 0.3400

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.0502, 0.3206, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6226, 0.3343, 0.3400 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(254, 233, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 233, 222)  
}
```

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(254, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 233, 222) }
```

Border

The CSS property to change the border of an element to Yxy 84.6226, 0.3343, 0.3400 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(254, 233, 222) }
```

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

```
.border{ border-color:rgb(254, 233, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 233, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 233,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6226, 0.3343, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 233, 222) }
```

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

```
.background{ background-color: rgb(254,  
233, 222) }
```

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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