

Converting Colors

$Yxy(82.9298, 0.3195, 0.3299)$

Have a look what the booklet for
Yxy(82.9298, 0.3195, 0.3299)
contains.

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Color

Yxy(82.9813, 0.3195, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F2E9E8
RGB	242, 233, 232
RGB Percent	95%, 91%, 91%
CMY	0.0507, 0.0863, 0.0901
CMYK	0.00, 0.04, 0.04, 0.05
HSL	6°, 28%, 93%
HSV	6°, 4%, 95%
XYZ	80.3410, 82.9813, 88.1362
YIQ	235.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

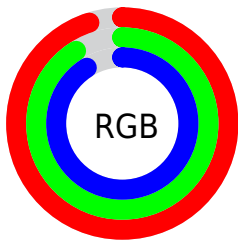
Format	Color
R _Y B	242, 233, 232
Decimal	15919592
CIE Lab	93.01, 2.90, 1.55
CIE LCh	93, 3.289, 28.111
Yxy	82.9813, 0.3195, 0.3300
Android (android.graphics.Color)	4294109672 (0xFF F2E9E8)
YUV	235.5770, -1.7635, 5.6330
Hunter-Lab	91.0941, -1.9854, 6.4010

Details

The Yxy color **82.9813, 0.3195, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.5429, 0.3063, 0.3280**, and the grayscale version is **83.5602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0180, 0.3215, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **70.0769, 0.3385, 0.3326**, and if you desaturate by 10%, it is **97.5386, 0.3048, 0.3288**.

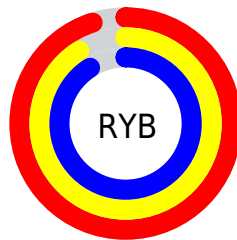
Distribution



Red (95%)

Green (91%)

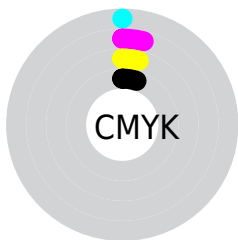
Blue (91%)



Red (95%)

Yellow (91%)

Blue (91%)

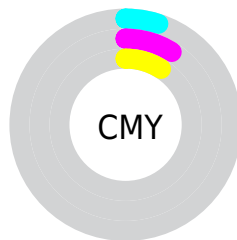


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (5%)



Cyan (5%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9813, 0.3195, 0.3300 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 82.9813, 0.3195, 0.3300 by changing the saturation by 10% instead.

 82.9813, 0.3195,
0.3300

 82.9813, 0.3195,
0.3300

504.9242, 0.3164,
0.3296

 62.1747, 0.3202,
0.3301


137.5493, 0.3184,
0.3299

 45.1739, 0.3210,
0.3302


172.0795, 0.3180,
0.3298

 31.5944, 0.3221,
0.3304


211.9530, 0.3177,
0.3297

 21.0519, 0.3234,
0.3305

257.5542, 0.3174,
0.3297

 13.1619, 0.3253,
0.3308

309.2675, 0.3171,
0.3297

 7.5402, 0.3278,
0.3311

367.4774, 0.3168,

 3.8021, 0.3318,

0.3296

0.3316

432.5681, 0.3166,
0.3296

■ 1.5635, 0.3384,
0.3323

■ 0.3328, 0.3975,
0.3417

■ 82.9813, 0.3195,
0.3300

■ 82.9813, 0.3195,
0.3300

■ 70.0769, 0.3385,
0.3326

■ 97.5386, 0.3048,
0.3288

■ 58.8298, 0.3619,
0.3353

■ 97.6294, 0.3048,
0.3290

■ 49.1761, 0.3906,
0.3380

■ 41.0438, 0.4252,
0.3407

■ 34.3550, 0.4656,
0.3428

■ 29.0252, 0.5104,
0.3439

■ 24.9609, 0.5557,
0.3435

■ 22.0568, 0.5956,
0.3411

■ 20.1903, 0.6237,
0.3371

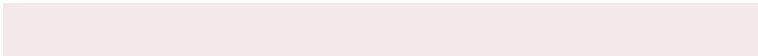
Harmonies

Analogous

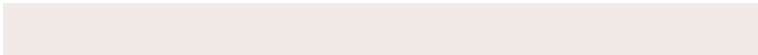
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9813, 0.3170, 0.3267



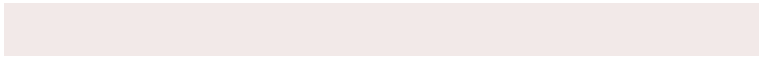
82.9813, 0.3195, 0.3300



82.9813, 0.3201, 0.3331

Triad

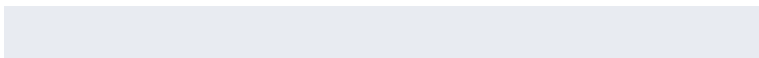
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9813, 0.3195, 0.3300



82.9813, 0.3120, 0.3342



82.9813, 0.3067, 0.3229

Complementary

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



82.9813, 0.3195, 0.3300



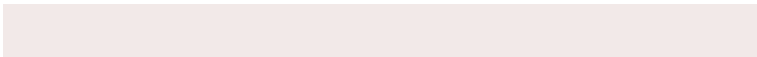
86.5429, 0.3063, 0.3280

Split Complementary

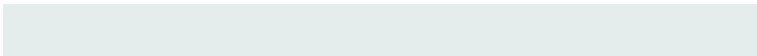
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9813, 0.3054, 0.3249



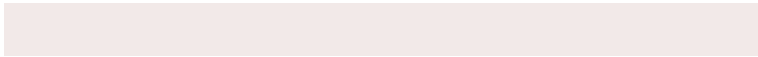
82.9813, 0.3195, 0.3300



82.9813, 0.3084, 0.3314

Square

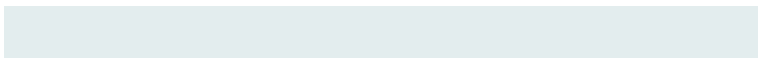
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



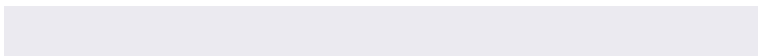
82.9813, 0.3195, 0.3300



82.9813, 0.3158, 0.3355



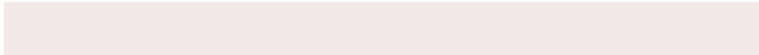
82.9813, 0.3060, 0.3280



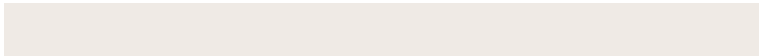
82.9813, 0.3097, 0.3226

Rectangle

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



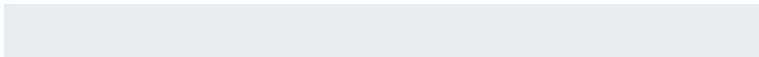
82.9813, 0.3195, 0.3300



82.9813, 0.3194, 0.3346



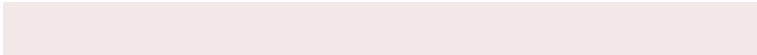
82.9813, 0.3060, 0.3280



82.9813, 0.3061, 0.3234

Sweetspot

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



82.9849, 0.3195, 0.3300



98.3754, 0.3143, 0.3292



82.9755, 0.3137, 0.3197



21.0735, 0.3142, 0.3292



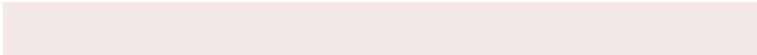
0.0000, 0.0000, 0.0000



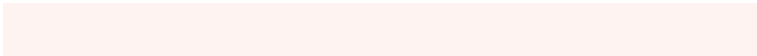
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9849, 0.3195, 0.3300



92.0739, 0.3210, 0.3302



85.7953, 0.3191, 0.3349



17.0559, 0.3221, 0.3304



10.5637, 0.6325, 0.3360



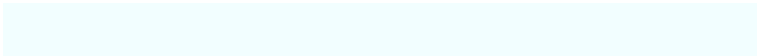
0.9610, 0.6159, 0.3492

Inverse Universe

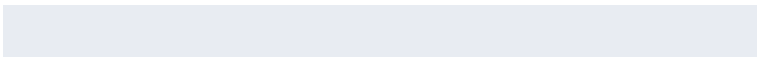
The Inverse Universe completely reimagines the original color for something new.



86.5429, 0.3063, 0.3280



96.8801, 0.3049, 0.3278



83.6815, 0.3064, 0.3230



18.0716, 0.3039, 0.3276



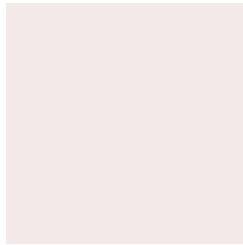
30.6828, 0.2163, 0.2985



2.6275, 0.2175, 0.3028

Previews

White Background



This preview shows how the Yxy color 82.9813, 0.3195, 0.3300 looks on a white background.

Color Contrast Check

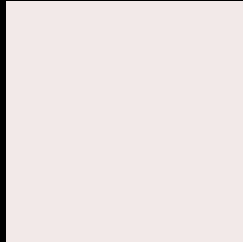
Large Text (above 18pt) WCAG AA × Fail

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 82.9813, 0.3195, 0.3300 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

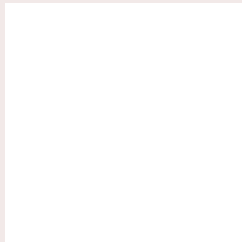
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9813, 0.3195, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 82.9813, 0.3195, 0.3300.

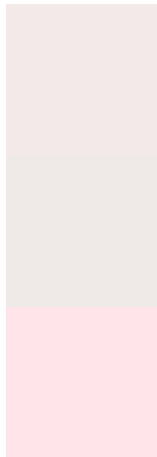


This preview shows how white text looks on a background with the Yxy color 82.9813, 0.3195, 0.3300.

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

82.9813, 0.3195, 0.3300

Protanopia

83.0226, 0.3173, 0.3311

Deuteranopia

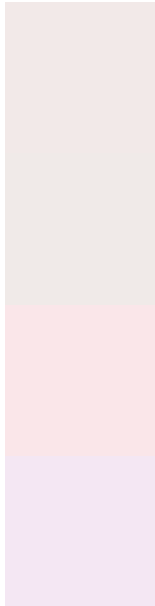
82.6300, 0.3283, 0.3241



Tritanopia

82.8457, 0.3109, 0.3101

Trichromacy



Original Color

82.9813, 0.3195, 0.3300

Protanomaly

83.1971, 0.3180, 0.3311

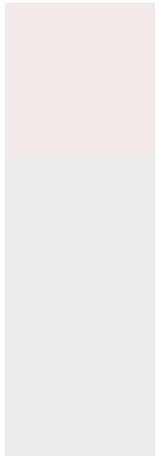
Deuteranomaly

82.8008, 0.3246, 0.3260

Tritanomaly

82.8560, 0.3140, 0.3170

Monochromacy



Original Color

82.9813, 0.3195, 0.3300

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.5920, 0.3147, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9813, 0.3195, 0.3300 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(242, 233, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 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(242, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 232) }
```

Border

The CSS property to change the border of an element to Yxy 82.9813, 0.3195, 0.3300 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(242, 233, 232) }
```

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

```
.border{ border-color:rgb(242, 233, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9813, 0.3195, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 232) }
```

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

```
.background{ background-color: rgb(242,  
233, 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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