

Converting Colors

$Yxy(82.8386, 0.3266, 0.3392)$

Have a look what the booklet for
Yxy(82.8386, 0.3266, 0.3392)
contains.

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Color

Yxy(82.8386, 0.3266, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	F4E9DF
RGB	244, 233, 223
RGB Percent	96%, 91%, 87%
CMY	0.0433, 0.0862, 0.1254
CMYK	0.00, 0.04, 0.09, 0.04
HSL	29°, 49%, 92%
HSV	29°, 9%, 96%
XYZ	79.7615, 82.8386, 81.6175
YIQ	235.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

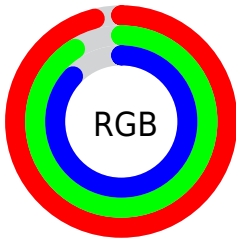
Format	Color
R _Y B	244, 242, 223
Decimal	16050655
CIE Lab	92.94, 2.03, 6.16
CIE LCh	93, 6.481, 71.742
Yxy	82.8386, 0.3266, 0.3392
Android (android.graphics.Color)	4294240735 (0xFFFF4E9DF)
YUV	235.1490, -5.9895, 7.7623
Hunter-Lab	91.0157, -2.8493, 10.5432

Details

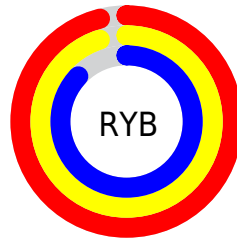
The Yxy color **82.8386, 0.3266, 0.3392** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.0608, 0.2994, 0.3186**, and the grayscale version is **83.2388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9628, 0.3300, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **74.6504, 0.3450, 0.3517**, and if you desaturate by 10%, it is **91.7467, 0.3106, 0.3274**.

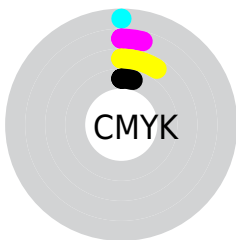
Distribution



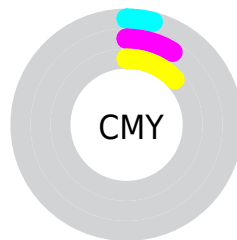
- Red (96%)
- Green (91%)
- Blue (87%)



- Red (96%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8386, 0.3266, 0.3392 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 82.8386, 0.3266, 0.3392 by changing the saturation by 10% instead.

82.8386, 0.3266,
0.3392

82.8386, 0.3266,
0.3392

504.4485, 0.3203,
0.3346

62.0570, 0.3280,
0.3402

137.3494, 0.3244,
0.3376

45.0788, 0.3297,
0.3415

171.8474, 0.3236,
0.3370

31.5195, 0.3319,
0.3430

211.6863, 0.3229,
0.3365

20.9947, 0.3347,
0.3450

257.2505, 0.3222,
0.3360

13.1202, 0.3385,
0.3477

308.9244, 0.3217,
0.3356

7.5113, 0.3437,
0.3514

367.0925, 0.3212,

3.7839, 0.3517,

0.3352

0.3570

432.1390, 0.3207,
0.3349

■ 1.5534, 0.3653,
0.3661

■ 0.3259, 0.5244,
0.4756

■ 82.8386, 0.3266,
0.3392

■ 82.8386, 0.3266,
0.3392

■ 74.6504, 0.3450,
0.3517

■ 91.7467, 0.3106,
0.3274

■ 67.1520, 0.3660,
0.3647

■ 97.9678, 0.3059,
0.3290

■ 60.3272, 0.3897,
0.3777

■ 54.1548, 0.4159,
0.3900

■ 48.6123, 0.4439,
0.4006

■ 43.6758, 0.4728,
0.4083

■ 39.3189, 0.5009,
0.4117

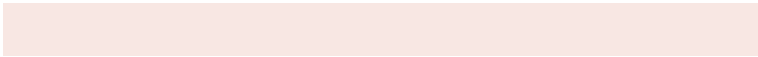
■ 35.5127, 0.5263,
0.4098

■ 32.2203, 0.5473,
0.4026

Harmonies

Analogous

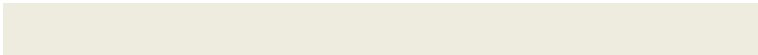
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8386, 0.3272, 0.3338



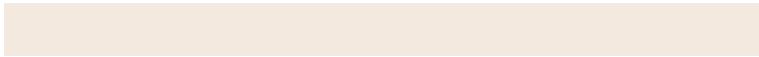
82.8386, 0.3266, 0.3392



82.8386, 0.3223, 0.3419

Triad

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



82.8386, 0.3266, 0.3392



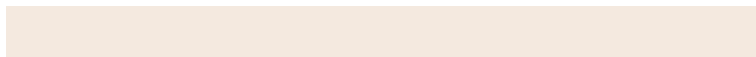
82.8386, 0.3017, 0.3306



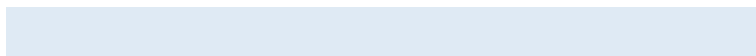
82.8386, 0.3099, 0.3173

Complementary

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



82.8386, 0.3266, 0.3392



81.0608, 0.2994, 0.3186

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.



82.8386, 0.3032, 0.3163



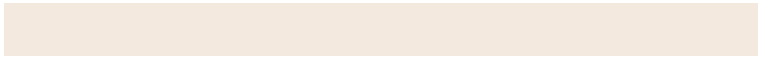
82.8386, 0.3266, 0.3392



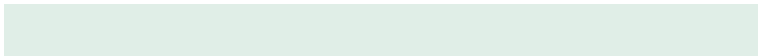
82.8386, 0.2985, 0.3239

Square

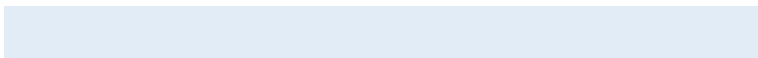
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8386, 0.3266, 0.3392



82.8386, 0.3079, 0.3370



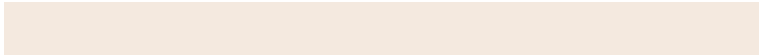
82.8386, 0.2990, 0.3187



82.8386, 0.3175, 0.3212

Rectangle

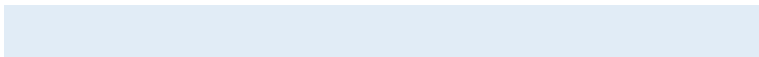
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8386, 0.3266, 0.3392



82.8386, 0.3178, 0.3418



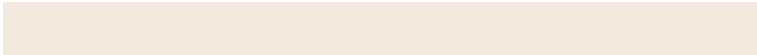
82.8386, 0.2990, 0.3187



82.8386, 0.3075, 0.3166

Sweetspot

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



82.8422, 0.3266, 0.3392



96.9896, 0.3174, 0.3325



77.9710, 0.3201, 0.3177



20.5902, 0.3187, 0.3335



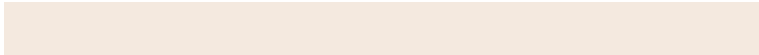
0.0000, 0.0000, 0.0000



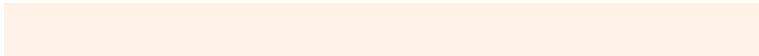
21.4041, 0.3127, 0.3290

Same Dimension

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



82.8422, 0.3266, 0.3392



90.2453, 0.3291, 0.3410



88.8213, 0.3256, 0.3494



17.7858, 0.3282, 0.3403



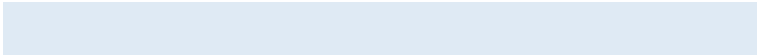
17.5603, 0.5476, 0.4034



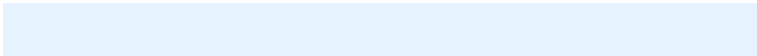
1.7478, 0.5274, 0.4195

Inverse Universe

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



81.0608, 0.2994, 0.3186



87.9677, 0.2971, 0.3167



75.3877, 0.2994, 0.3077



17.3617, 0.2980, 0.3174



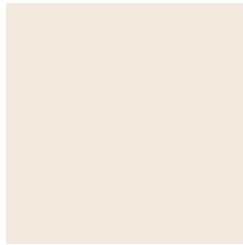
12.1759, 0.1793, 0.1655



1.2760, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 82.8386, 0.3266, 0.3392 looks on a white background.

Color Contrast Check

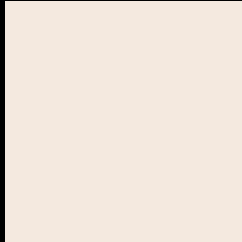
Large Text (above 18pt) WCAG AA × Fail

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 82.8386, 0.3266, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

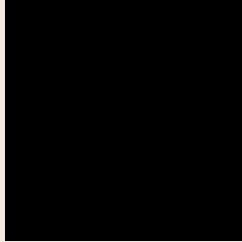
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

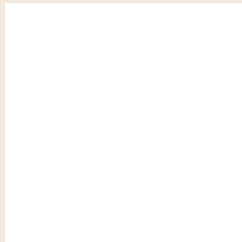
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8386, 0.3266, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 82.8386, 0.3266, 0.3392.

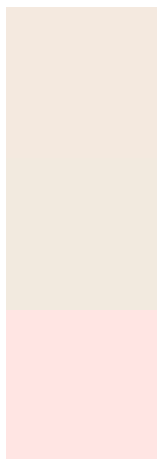


This preview shows how white text looks on a background with the Yxy color 82.8386, 0.3266, 0.3392.

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

82.8386, 0.3266, 0.3392

Protanopia

83.0506, 0.3252, 0.3403

Deuteranopia

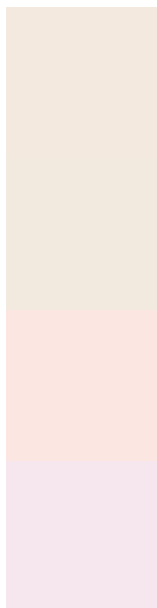
82.8447, 0.3322, 0.3310



Tritanopia

82.5282, 0.3136, 0.3112

Trichromacy



Original Color

82.8386, 0.3266, 0.3392

Protanomaly

83.2280, 0.3258, 0.3403

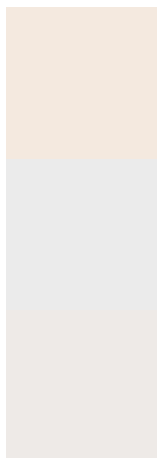
Deuteranomaly

82.5938, 0.3299, 0.3331

Tritanomaly

82.3595, 0.3186, 0.3210

Monochromacy



Original Color

82.8386, 0.3266, 0.3392

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7923, 0.3173, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8386, 0.3266, 0.3392 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(244, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 223)  
}
```

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(244, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 223) }
```

Border

The CSS property to change the border of an element to Yxy 82.8386, 0.3266, 0.3392 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(244, 233, 223) }
```

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

```
.border{ border-color:rgb(244, 233, 223) }
```

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

Here you see how a box with a 4 pixel rgb(244, 233, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8386, 0.3266, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 233, 223) }
```

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

```
.background{ background-color: rgb(244,  
233, 223) }
```

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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