

Converting Colors

$Y_{xy}(82.5220, 0.3319, 0.3430)$

Have a look what the booklet for
Yxy(82.5220, 0.3319, 0.3430)
contains.

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Color

Yxy(82.5493, 0.3321, 0.3433)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7E8DA |
| RGB | 247, 232, 218 |
| RGB Percent | 97%, 91%, 85% |
| CMY | 0.0316, 0.0901, 0.1451 |
| CMYK | 0.00, 0.06, 0.12, 0.03 |
| HSL | 29°, 64%, 91% |
| HSV | 29°, 12%, 97% |
| XYZ | 79.8562, 82.5493, 78.0527 |
| YIQ | 234.8890, 13.4340, -1.1740 |

Conversions

Conversions Part 2

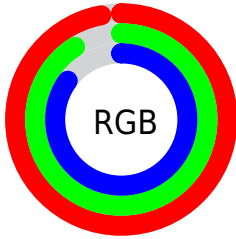
| Format | Color |
|-------------------------------------|---|
| RYB | 247, 245, 218 |
| Decimal | 16247002 |
| CIELab | 92.82, 2.76, 8.62 |
| CIELCh | 93, 9.053, 72.220 |
| Yxy | 82.5493, 0.3321, 0.3433 |
| Android (android.graphics.Color) | 4294437082 (0xFFFF7E8DA) |
| YUV | 234.8890, -8.3263, 10.6213 |
| Hunter-Lab | 90.8566, -2.1110, 12.6651 |

Details

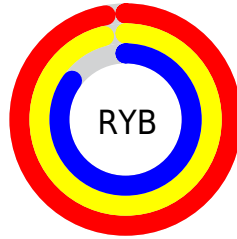
The Yxy color **82.5493, 0.3321, 0.3433** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8555, 0.2944, 0.3143**, and the grayscale version is **83.0437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7714, 0.3371, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **74.4424, 0.3513, 0.3562**, and if you desaturate by 10%, it is **91.3756, 0.3154, 0.3310**.

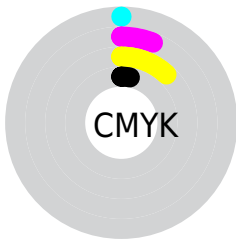
Distribution



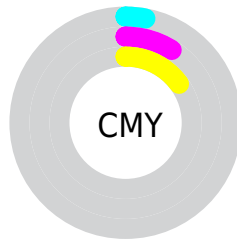
- Red (97%)
- Green (91%)
- Blue (85%)



- Red (97%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5493, 0.3321, 0.3433 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 82.5493, 0.3321, 0.3433 by changing the saturation by 10% instead.


 82.5493, 0.3321,
0.3433

 82.5493, 0.3321,
0.3433

503.4832, 0.3233,
0.3369

 61.8184, 0.3341,
0.3447

136.9440, 0.3291,
0.3411

 44.8860, 0.3365,
0.3465


171.3767, 0.3279,
0.3402

 31.3676, 0.3395,
0.3486


211.1454, 0.3269,
0.3395

 20.8790, 0.3434,
0.3514

256.6345, 0.3260,
0.3388

 13.0355, 0.3487,
0.3551

308.2284, 0.3252,
0.3383

 7.4530, 0.3561,
0.3603

366.3116, 0.3245,

 3.7470, 0.3673,

0.3378

0.3679

431.2684, 0.3239,
0.3373

■ 1.5331, 0.3861,
0.3802

■ 0.3118, 0.5385,
0.4615

■ 82.5493, 0.3321,
0.3433

■ 82.5493, 0.3321,
0.3433

■ 74.4424, 0.3513,
0.3562

■ 91.3756, 0.3154,
0.3310

■ 67.0246, 0.3730,
0.3695

■ 98.5054, 0.3078,
0.3290

■ 60.2792, 0.3974,
0.3825

■ 54.1844, 0.4240,
0.3946

■ 48.7174, 0.4522,
0.4046

■ 43.8533, 0.4807,
0.4112

■ 39.5649, 0.5078,
0.4132

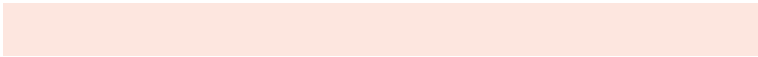
■ 35.8215, 0.5315,
0.4097

■ 33.1039, 0.5480,
0.4031

Harmonies

Analogous

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



82.5493, 0.3330, 0.3358



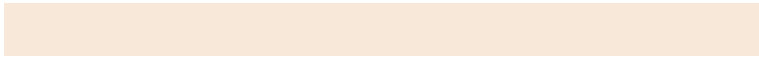
82.5493, 0.3321, 0.3433



82.5493, 0.3259, 0.3471

Triad

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



82.5493, 0.3321, 0.3433



82.5493, 0.2972, 0.3311



82.5493, 0.3090, 0.3127

Complementary

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



82.5493, 0.3321, 0.3433



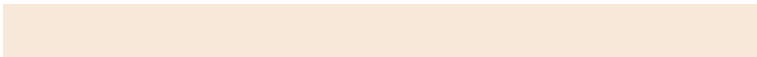
79.8555, 0.2944, 0.3143

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.



82.5493, 0.2995, 0.3113



82.5493, 0.3321, 0.3433



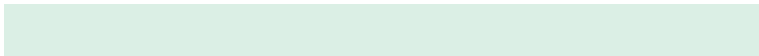
82.5493, 0.2928, 0.3217

Square

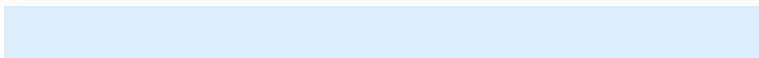
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5493, 0.3321, 0.3433



82.5493, 0.3057, 0.3401



82.5493, 0.2937, 0.3145



82.5493, 0.3195, 0.3183

Rectangle

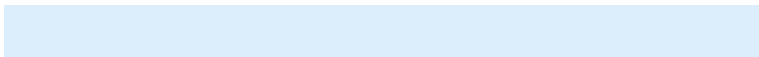
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5493, 0.3321, 0.3433



82.5493, 0.3197, 0.3469



82.5493, 0.2937, 0.3145



82.5493, 0.3055, 0.3117

Sweetspot

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



82.5529, 0.3321, 0.3433



96.0502, 0.3190, 0.3338



75.7887, 0.3235, 0.3139



20.4027, 0.3202, 0.3347



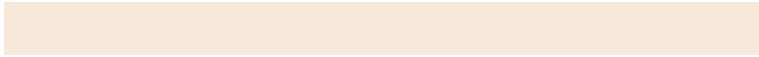
0.0000, 0.0000, 0.0000



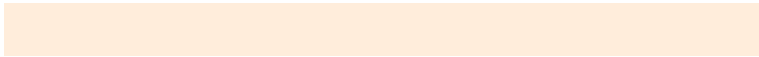
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5529, 0.3321, 0.3433



86.7219, 0.3363, 0.3462



91.0248, 0.3303, 0.3575



17.8072, 0.3281, 0.3405



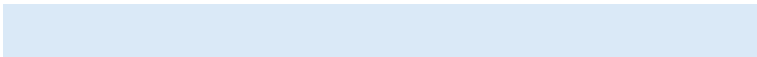
17.7970, 0.5454, 0.4052



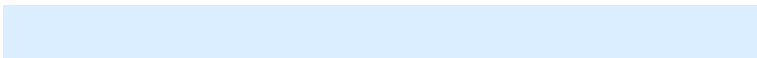
1.7690, 0.5254, 0.4210

Inverse Universe

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



79.8555, 0.2944, 0.3143



83.3066, 0.2907, 0.3112



72.0108, 0.2941, 0.2988



17.3402, 0.2980, 0.3172



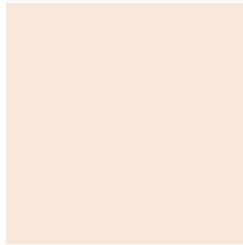
11.9158, 0.1786, 0.1629



1.2531, 0.1848, 0.1851

Previews

White Background



This preview shows how the Yxy color 82.5493, 0.3321, 0.3433 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 82.5493, 0.3321, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

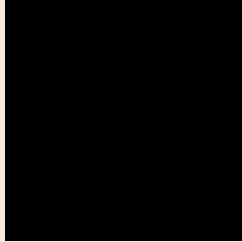
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

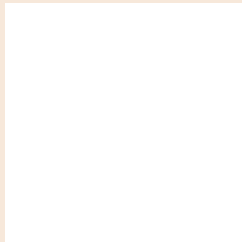
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5493, 0.3321, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 82.5493, 0.3321, 0.3433.

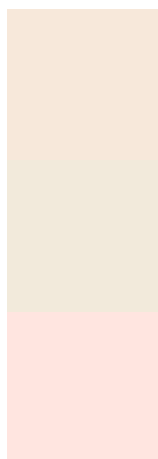


This preview shows how white text looks on a background with the Yxy color 82.5493, 0.3321, 0.3433.

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

82.5493, 0.3321, 0.3433

Protanopia

82.8374, 0.3277, 0.3444

Deuteranopia

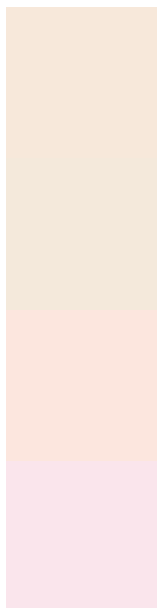
82.6804, 0.3342, 0.3340



Tritanopia

82.6499, 0.3170, 0.3113

Trichromacy



Original Color

82.5493, 0.3321, 0.3433

Protanomaly

82.6254, 0.3292, 0.3433

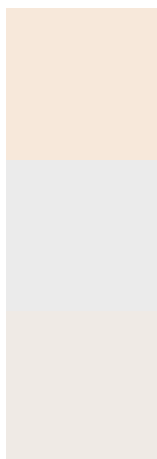
Deuteranomaly

82.5630, 0.3333, 0.3371

Tritanomaly

82.4187, 0.3227, 0.3221

Monochromacy



Original Color

82.5493, 0.3321, 0.3433

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.8535, 0.3192, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5493, 0.3321, 0.3433 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(247, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 218)  
}
```

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(247, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.5493, 0.3321, 0.3433 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(247, 232, 218) }
```

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

```
.border{ border-color:rgb(247, 232, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5493, 0.3321, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 218) }
```

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

```
.background{ background-color: rgb(247,  
232, 218) }
```

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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