

Converting Colors

$Yxy(82.3065, 0.3352, 0.3417)$

Have a look what the booklet for
Yxy(82.3065, 0.3352, 0.3417)
contains.

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Color

Yxy(82.1648, 0.3352, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	FBE6DA
RGB	251, 230, 218
RGB Percent	98%, 90%, 85%
CMY	0.0159, 0.0979, 0.1451
CMYK	0.00, 0.08, 0.13, 0.02
HSL	22°, 80%, 92%
HSV	22°, 13%, 98%
XYZ	80.7199, 82.1648, 77.9265
YIQ	234.9110, 16.3680, 0.7200

Conversions

Conversions Part 2

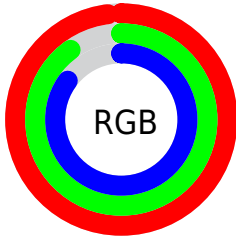
Format	Color
R _Y B	251, 237, 218
Decimal	16508634
CIE Lab	92.65, 5.19, 8.43
CIE LCh	93, 9.895, 58.373
Yxy	82.1648, 0.3352, 0.3412
Android (android.graphics.Color)	4294698714 (0xFFFFBE6DA)
YUV	234.9110, -8.3371, 14.1101
Hunter-Lab	90.6448, 0.3273, 12.4803

Details

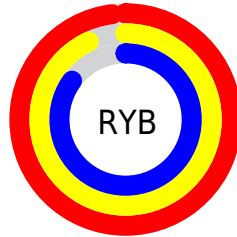
The Yxy color **82.1648, 0.3352, 0.3412** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5476, 0.2923, 0.3165**, and the grayscale version is **83.0593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7736, 0.3401, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **72.4857, 0.3558, 0.3511**, and if you desaturate by 10%, it is **92.8605, 0.3177, 0.3318**.

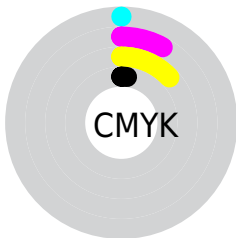
Distribution



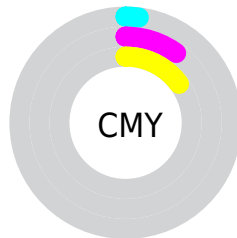
- Red (98%)
- Green (90%)
- Blue (85%)



- Red (98%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1648, 0.3352, 0.3412 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 82.1648, 0.3352, 0.3412 by changing the saturation by 10% instead.


 82.1648, 0.3352,
0.3412

 82.1648, 0.3352,
0.3412


502.1988, 0.3250,
0.3358

 61.5014, 0.3375,
0.3424

136.4051, 0.3317,
0.3394

 44.6299, 0.3403,
0.3439


170.7507, 0.3303,
0.3386

 31.1660, 0.3439,
0.3457


210.4259, 0.3291,
0.3380

 20.7253, 0.3484,
0.3480

255.8151, 0.3281,
0.3374

 12.9234, 0.3546,
0.3510

307.3025, 0.3272,
0.3369

 7.3758, 0.3633,
0.3552

365.2727, 0.3263,

 3.6982, 0.3765,

0.3365

0.3613

430.1100, 0.3256,
0.3361

■ 1.5062, 0.3988,
0.3709

■ 0.2931, 0.5803,
0.4197

■ 82.1648, 0.3352,
0.3412

■ 82.1648, 0.3352,
0.3412

■ 72.4857, 0.3558,
0.3511

■ 92.8605, 0.3177,
0.3318

■ 63.7818, 0.3797,
0.3613

■ 99.2396, 0.3102,
0.3290

■ 56.0246, 0.4073,
0.3712

■ 49.1801, 0.4382,
0.3800

■ 43.2120, 0.4716,
0.3868

■ 38.0814, 0.5060,
0.3902

■ 33.7457, 0.5387,
0.3890

■ 30.1571, 0.5667,
0.3825

■ 28.0910, 0.5825,
0.3757

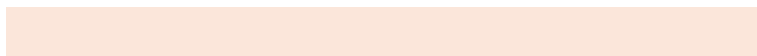
Harmonies

Analogous

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



82.1648, 0.3333, 0.3319



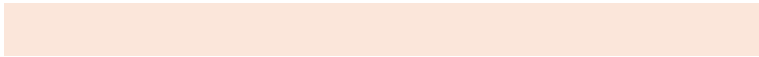
82.1648, 0.3352, 0.3412



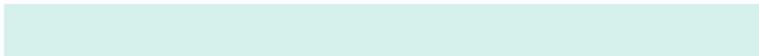
82.1648, 0.3309, 0.3475

Triad

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



82.1648, 0.3352, 0.3412



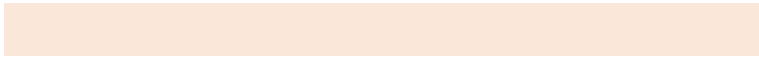
82.1648, 0.2996, 0.3361



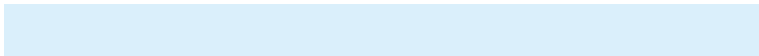
82.1648, 0.3035, 0.3099

Complementary

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



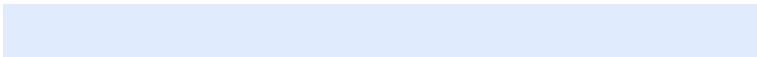
82.1648, 0.3352, 0.3412



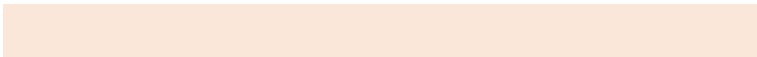
83.5476, 0.2923, 0.3165

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.



82.1648, 0.2947, 0.3106



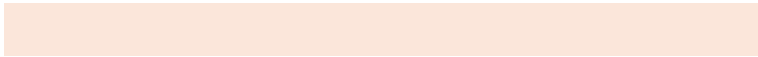
82.1648, 0.3352, 0.3412



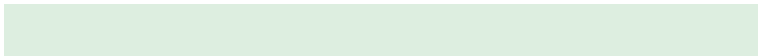
82.1648, 0.2925, 0.3256

Square

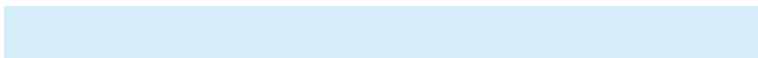
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1648, 0.3352, 0.3412



82.1648, 0.3103, 0.3447



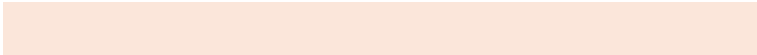
82.1648, 0.2907, 0.3163



82.1648, 0.3149, 0.3140

Rectangle

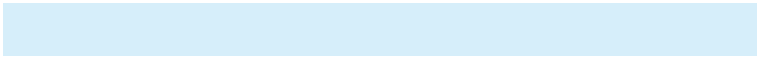
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1648, 0.3352, 0.3412



82.1648, 0.3252, 0.3491



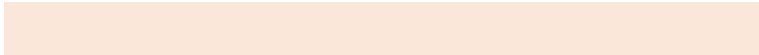
82.1648, 0.2907, 0.3163



82.1648, 0.3001, 0.3095

Sweetspot

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



82.1684, 0.3352, 0.3412



95.2982, 0.3191, 0.3326



76.8935, 0.3220, 0.3076



20.2126, 0.3203, 0.3333



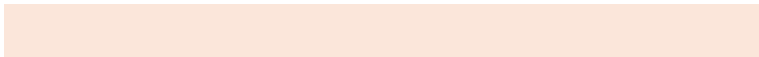
0.0000, 0.0000, 0.0000



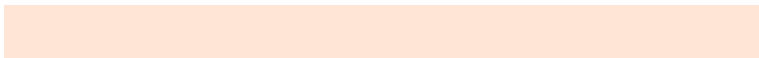
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1684, 0.3352, 0.3412



82.2185, 0.3408, 0.3440



91.4751, 0.3331, 0.3569



18.2629, 0.3285, 0.3377



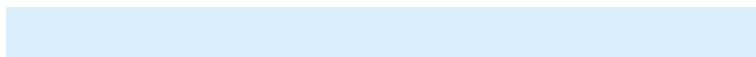
15.0252, 0.5795, 0.3780



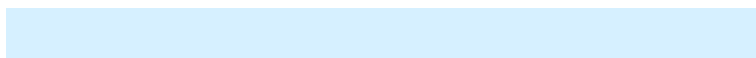
1.5857, 0.5570, 0.3960

Inverse Universe

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



83.5476, 0.2923, 0.3165



83.9262, 0.2877, 0.3135



74.6055, 0.2918, 0.2995



18.4804, 0.2980, 0.3201



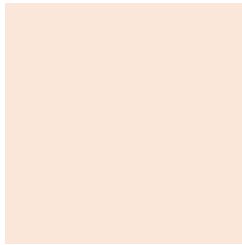
17.0445, 0.1902, 0.2046



1.7804, 0.1948, 0.2211

Previews

White Background



This preview shows how the Yxy color 82.1648, 0.3352, 0.3412 looks on a white background.

Color Contrast Check

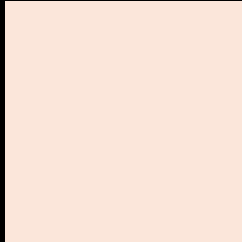
Large Text (above 18pt) WCAG AA × Fail

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 82.1648, 0.3352, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

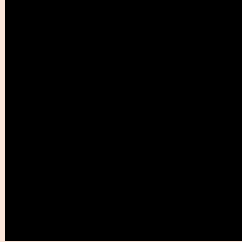
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

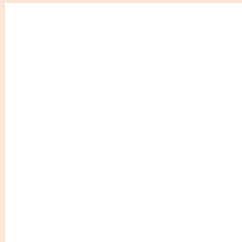
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1648, 0.3352, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 82.1648, 0.3352, 0.3412.

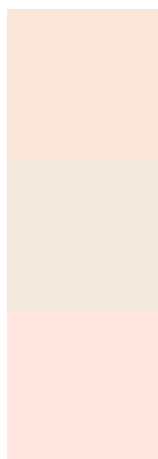


This preview shows how white text looks on a background with the Yxy color 82.1648, 0.3352, 0.3412.

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

82.1648, 0.3352, 0.3412

Protanopia

82.3224, 0.3272, 0.3424

Deuteranopia

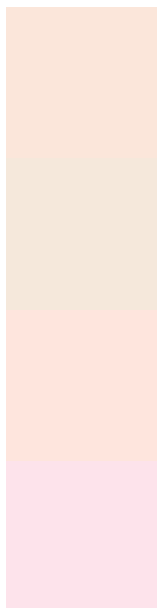
82.0745, 0.3350, 0.3341



Tritanopia

81.9952, 0.3205, 0.3113

Trichromacy



Original Color

82.1648, 0.3352, 0.3412

Protanomaly

82.2402, 0.3301, 0.3423

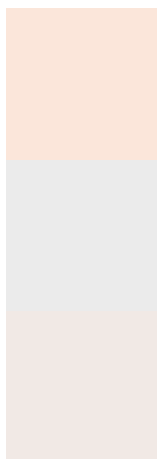
Deuteranomaly

82.3299, 0.3355, 0.3371

Tritanomaly

81.8190, 0.3256, 0.3211

Monochromacy



Original Color

82.1648, 0.3352, 0.3412

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.6357, 0.3207, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1648, 0.3352, 0.3412 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(251, 230, 218)` looks like.

```
.text, #text, p{  
    color:rgb(251, 230, 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(251, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 230, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.1648, 0.3352, 0.3412 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(251, 230, 218) }
```

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

```
.border{ border-color:rgb(251, 230, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 230, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 230, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 230, 218);  
box-shadow:4px 4px 4px 4px rgb(251, 230,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1648, 0.3352, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 230, 218) }
```

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

```
.background{ background-color: rgb(251,  
230, 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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