

Converting Colors

$Yxy(82.2422, 0.3276, 0.3448)$

Have a look what the booklet for
Yxy(82.2422, 0.3276, 0.3448)
contains.

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Color

Yxy(82.0406, 0.3278, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	F1E9DA
RGB	241, 233, 218
RGB Percent	95%, 91%, 85%
CMY	0.0550, 0.0862, 0.1452
CMYK	0.00, 0.03, 0.10, 0.05
HSL	39°, 45%, 90%
HSV	39°, 10%, 95%
XYZ	78.0636, 82.0406, 78.0398
YIQ	233.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

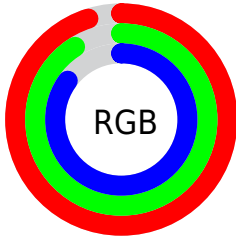
Format	Color
RYB	230, 241, 218
Decimal	15854042
CIELab	92.59, 0.17, 8.24
CIElCh	93, 8.246, 88.798
Yxy	82.0406, 0.3278, 0.3445
Android (android.graphics.Color)	4294044122 (0xFFFF1E9DA)
YUV	233.6820, -7.7312, 6.4179
Hunter-Lab	90.5763, -4.6674, 12.3196

Details

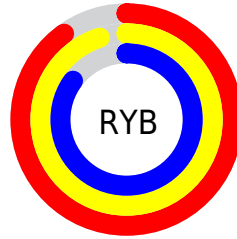
The Yxy color **82.0406, 0.3278, 0.3445** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **75.6230, 0.2979, 0.3130**, and the grayscale version is **82.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.4029, 0.3315, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **76.2545, 0.3453, 0.3615**, and if you desaturate by 10%, it is **88.2413, 0.3120, 0.3283**.

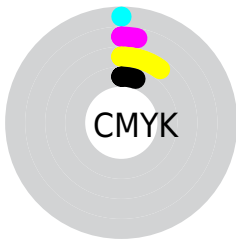
Distribution



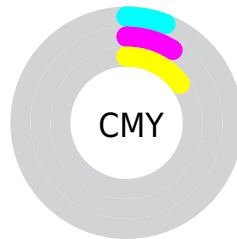
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (90%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (5%)



- Cyan (6%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0406, 0.3278, 0.3445 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 82.0406, 0.3278, 0.3445 by changing the saturation by 10% instead.

82.0406, 0.3278,
0.3445

82.0406, 0.3278,
0.3445

501.7835, 0.3210,
0.3375

61.3990, 0.3293,
0.3461

136.2309, 0.3255,
0.3421

44.5473, 0.3312,
0.3480

170.5485, 0.3245,
0.3411

31.1010, 0.3336,
0.3504

210.1934, 0.3237,
0.3403

20.6757, 0.3366,
0.3535

255.5502, 0.3230,
0.3396

12.8872, 0.3407,
0.3577

307.0032, 0.3224,
0.3390

7.3509, 0.3464,
0.3635

364.9368, 0.3219,

3.6825, 0.3550,

0.3384

0.3724

429.7355, 0.3214,
0.3379

■ 1.4976, 0.3695,
0.3871

■ 0.2870, 0.4911,
0.5089

■ 82.0406, 0.3278,
0.3445

■ 82.0406, 0.3278,
0.3445

■ 76.2545, 0.3453,
0.3615

■ 88.2413, 0.3120,
0.3283

■ 70.8611, 0.3644,
0.3789

■ 94.1147, 0.3042,
0.3238

■ 65.8526, 0.3849,
0.3961

■ 97.4381, 0.3041,
0.3290

■ 61.2165, 0.4063,
0.4124

■ 56.9396, 0.4280,
0.4266

■ 53.0074, 0.4490,
0.4376

■ 49.4036, 0.4682,
0.4443

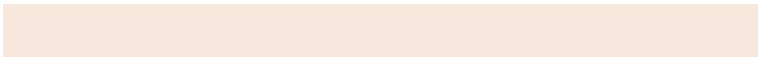
■ 46.1096, 0.4846,
0.4459

■ 43.0975, 0.4979,
0.4426

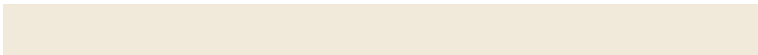
Harmonies

Analogous

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



82.0406, 0.3314, 0.3393



82.0406, 0.3278, 0.3445



82.0406, 0.3201, 0.3455

Triad

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



82.0406, 0.3278, 0.3445



82.0406, 0.2958, 0.3261



82.0406, 0.3147, 0.3165

Complementary

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



82.0406, 0.3278, 0.3445



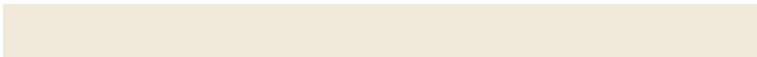
75.6230, 0.2979, 0.3130

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.



82.0406, 0.3052, 0.3130



82.0406, 0.3278, 0.3445



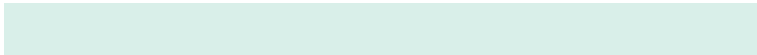
82.0406, 0.2944, 0.3183

Square

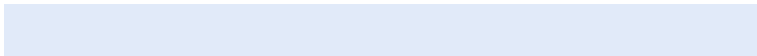
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0406, 0.3278, 0.3445



82.0406, 0.3017, 0.3348



82.0406, 0.2978, 0.3136



82.0406, 0.3238, 0.3233

Rectangle

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



82.0406, 0.3278, 0.3445



82.0406, 0.3138, 0.3436



82.0406, 0.2978, 0.3136



82.0406, 0.3114, 0.3149

Sweetspot

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



82.0442, 0.3278, 0.3445



97.8368, 0.3173, 0.3338



74.3264, 0.3239, 0.3207



20.8189, 0.3186, 0.3351



0.0000, 0.0000, 0.0000



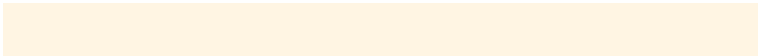
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0442, 0.3278, 0.3445



92.2759, 0.3303, 0.3470



86.0594, 0.3246, 0.3527



17.4829, 0.3277, 0.3444



23.5641, 0.4968, 0.4437



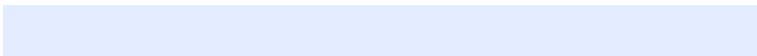
2.1454, 0.4840, 0.4539

Inverse Universe

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



75.6230, 0.2979, 0.3130



83.9219, 0.2955, 0.3103



71.9260, 0.3002, 0.3045



16.1247, 0.2980, 0.3131



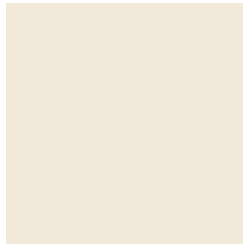
7.0704, 0.1643, 0.1115



0.7675, 0.1716, 0.1376

Previews

White Background



This preview shows how the Yxy color 82.0406, 0.3278, 0.3445 looks on a white background.

Color Contrast Check

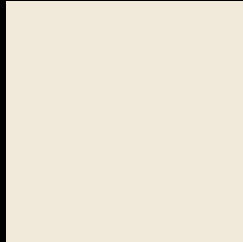
Large Text (above 18pt) WCAG AA × Fail

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 82.0406, 0.3278, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

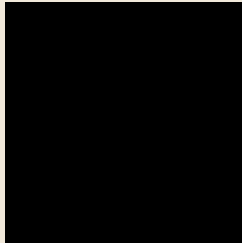
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

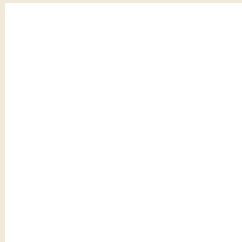
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0406, 0.3278, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 82.0406, 0.3278, 0.3445.

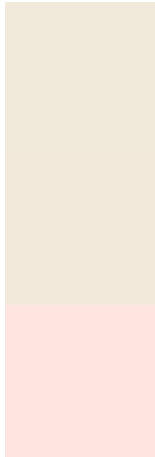


This preview shows how white text looks on a background with the Yxy color 82.0406, 0.3278, 0.3445.

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

82.0406, 0.3278, 0.3445

Protanopia

82.2170, 0.3285, 0.3444

Deuteranopia

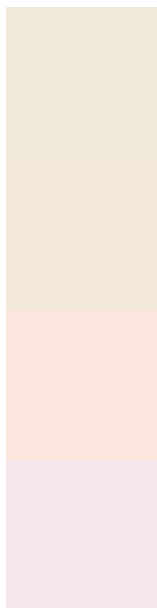
82.0745, 0.3350, 0.3341



Tritanopia

82.1665, 0.3122, 0.3111

Trichromacy



Original Color

82.0406, 0.3278, 0.3445

Protanomaly

82.2170, 0.3285, 0.3444

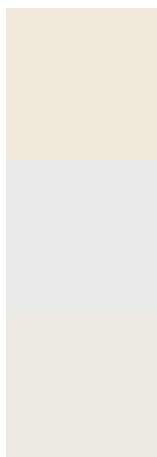
Deuteranomaly

82.1381, 0.3325, 0.3381

Tritanomaly

81.8829, 0.3185, 0.3230

Monochromacy



Original Color

82.0406, 0.3278, 0.3445

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4516, 0.3185, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0406, 0.3278, 0.3445 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(241, 233, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 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(241, 233, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.0406, 0.3278, 0.3445 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(241, 233, 218) }
```

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

```
.border{ border-color:rgb(241, 233, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 233, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0406, 0.3278, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 218) }
```

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

```
.background{ background-color: rgb(241,  
233, 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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