

Converting Colors

$Y_{xy}(82.3240, 0.3280, 0.3457)$

Have a look what the booklet for
Yxy(82.3240, 0.3280, 0.3457)
contains.

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Color

Yxy(82.5562, 0.3283, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	F1EAD9
RGB	241, 234, 217
RGB Percent	95%, 92%, 85%
CMY	0.0550, 0.0823, 0.1489
CMYK	0.00, 0.03, 0.10, 0.05
HSL	43°, 46%, 90%
HSV	43°, 10%, 95%
XYZ	78.2199, 82.5562, 77.4813
YIQ	234.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

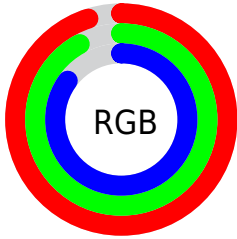
Format	Color
R_{YB}	227, 241, 217
Decimal	15854297
CIE Lab	92.82, -0.49, 9.06
CIE LCh	93, 9.077, 93.115
Yxy	82.5562, 0.3283, 0.3465
Android (android.graphics.Color)	4294044377 (0xFFF1EAD9)
YUV	234.1550, -8.4574, 6.0031
Hunter-Lab	90.8604, -5.3387, 13.0427

Details

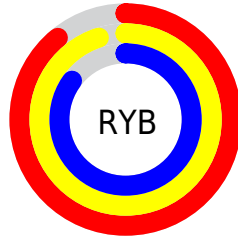
The Yxy color **82.5562, 0.3283, 0.3465** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.4183, 0.2972, 0.3109**, and the grayscale version is **82.4641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7637, 0.3322, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **77.4821, 0.3455, 0.3649**, and if you desaturate by 10%, it is **87.9786, 0.3126, 0.3289**.

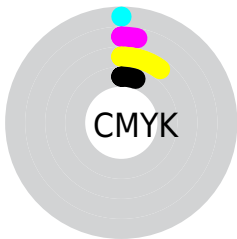
Distribution



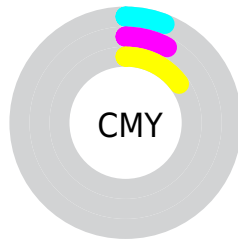
- Red (95%)
- Green (92%)
- Blue (85%)



- Red (89%)
- Yellow (95%)
- Blue (85%)



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



- Cyan (6%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5562, 0.3283, 0.3465 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 82.5562, 0.3283, 0.3465 by changing the saturation by 10% instead.

82.5562, 0.3283,
0.3465

82.5562, 0.3283,
0.3465

503.5063, 0.3213,
0.3386

61.8241, 0.3299,
0.3483

136.9537, 0.3259,
0.3438

44.8906, 0.3318,
0.3504

171.3879, 0.3249,
0.3427

31.3713, 0.3342,
0.3532

211.1583, 0.3241,
0.3418

20.8817, 0.3373,
0.3567

256.6492, 0.3234,
0.3410

13.0376, 0.3415,
0.3614

308.2450, 0.3228,
0.3403

7.4544, 0.3473,
0.3680

366.3302, 0.3222,

3.7479, 0.3561,

0.3396

0.3780

431.2892, 0.3217,
0.3391

■ 1.5336, 0.3707,
0.3947

■ 0.3122, 0.4770,
0.5230

■ 82.5562, 0.3283,
0.3465

■ 82.5562, 0.3283,
0.3465

■ 77.4821, 0.3455,
0.3649

■ 87.9786, 0.3126,
0.3289

■ 72.7359, 0.3639,
0.3836

■ 93.0710, 0.3042,
0.3222

■ 68.3106, 0.3835,
0.4021

■ 97.4364, 0.3041,
0.3290

■ 64.1955, 0.4035,
0.4194

■ 60.3783, 0.4233,
0.4345

■ 56.8461, 0.4420,
0.4464

■ 53.5839, 0.4586,
0.4539

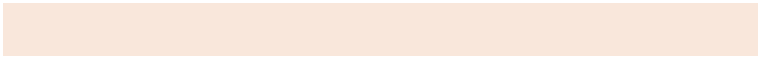
■ 50.5745, 0.4724,
0.4565

■ 47.7904, 0.4832,
0.4545

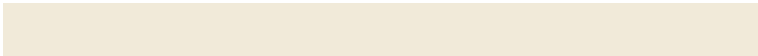
Harmonies

Analogous

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



82.5562, 0.3330, 0.3414



82.5562, 0.3283, 0.3465



82.5562, 0.3194, 0.3469

Triad

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



82.5562, 0.3283, 0.3465



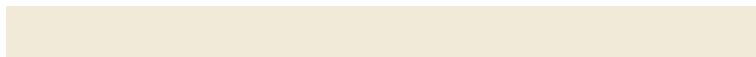
82.5562, 0.2936, 0.3244



82.5562, 0.3164, 0.3162

Complementary

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



82.5562, 0.3283, 0.3465



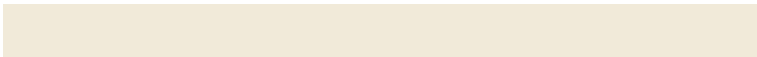
74.4183, 0.2972, 0.3109

Split Complementary

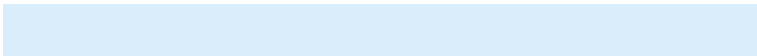
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5562, 0.3058, 0.3118



82.5562, 0.3283, 0.3465



82.5562, 0.2928, 0.3163

Square

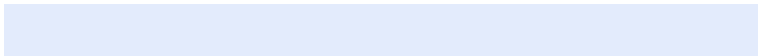
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5562, 0.3283, 0.3465



82.5562, 0.2994, 0.3340



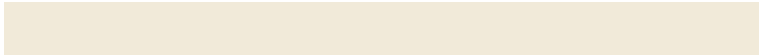
82.5562, 0.2972, 0.3117



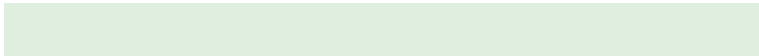
82.5562, 0.3261, 0.3239

Rectangle

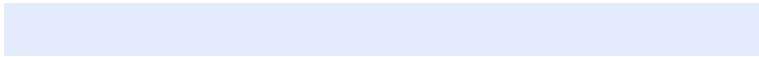
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5562, 0.3283, 0.3465



82.5562, 0.3124, 0.3444



82.5562, 0.2972, 0.3117



82.5562, 0.3128, 0.3143

Sweetspot

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



82.5598, 0.3283, 0.3465



98.1052, 0.3173, 0.3342



73.7344, 0.3252, 0.3216



20.8915, 0.3185, 0.3356



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.



82.5598, 0.3283, 0.3465



92.6345, 0.3318, 0.3503



85.7726, 0.3243, 0.3537



17.6369, 0.3275, 0.3457



26.1556, 0.4820, 0.4555



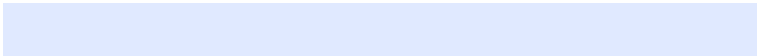
2.3464, 0.4718, 0.4636

Inverse Universe

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



74.4183, 0.2972, 0.3109



81.5805, 0.2938, 0.3067



71.4955, 0.3005, 0.3035



15.9779, 0.2980, 0.3118



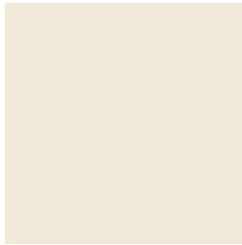
6.0281, 0.1605, 0.0977



0.6667, 0.1676, 0.1233

Previews

White Background



This preview shows how the Yxy color 82.5562, 0.3283, 0.3465 looks on a white background.

Color Contrast Check

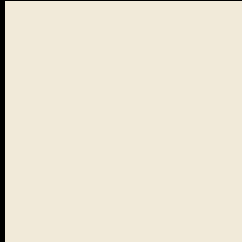
Large Text (above 18pt) WCAG AA × Fail

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 82.5562, 0.3283, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

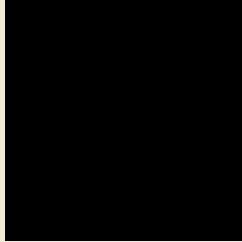
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5562, 0.3283, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 82.5562, 0.3283, 0.3465.

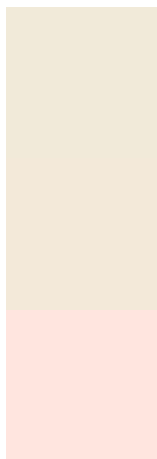


This preview shows how white text looks on a background with the Yxy color 82.5562, 0.3283, 0.3465.

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

82.5562, 0.3283, 0.3465

Protanopia

82.3423, 0.3299, 0.3454

Deuteranopia

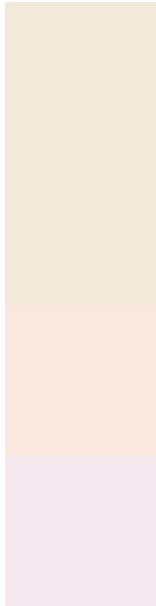
82.6263, 0.3349, 0.3350



Tritanopia

82.2284, 0.3116, 0.3101

Trichromacy



Original Color

82.5562, 0.3283, 0.3465

Protanomaly

82.1648, 0.3292, 0.3455

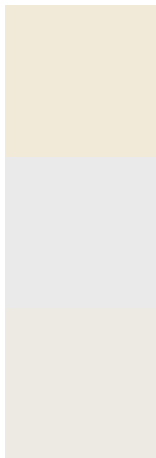
Deuteranomaly

82.6963, 0.3324, 0.3391

Tritanomaly

82.4993, 0.3178, 0.3230

Monochromacy



Original Color

82.5562, 0.3283, 0.3465

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 82.5562, 0.3283, 0.3465 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, 234, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 217)  
}
```

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, 234, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 217) }
```

Border

The CSS property to change the border of an element to Yxy 82.5562, 0.3283, 0.3465 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, 234, 217) }
```

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

```
.border{ border-color:rgb(241, 234, 217) }
```

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

Here you see how a box with a 4 pixel rgb(241, 234, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5562, 0.3283, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 217) }
```

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

```
.background{ background-color: rgb(241,  
234, 217) }
```

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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