

Converting Colors

Yxy(82.1342, 0.3271, 0.3580)

Have a look what the booklet for
Yxy(82.1342, 0.3271, 0.3580)
contains.

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Color

Yxy(82.3276, 0.3269, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDD1
RGB	232, 237, 209
RGB Percent	91%, 93%, 82%
CMY	0.0902, 0.0706, 0.1804
CMYK	0.02, 0.00, 0.12, 0.07
HSL	71°, 44%, 87%
HSV	71°, 12%, 93%
XYZ	75.0708, 82.3276, 72.2462
YIQ	232.3130, 6.0080, -9.7680

Conversions

Conversions Part 2

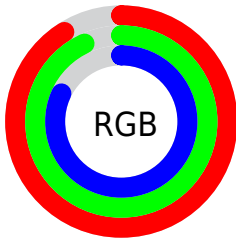
Format	Color
RYB	209, 237, 214
Decimal	15265233
CIELab	92.72, -6.43, 13.01
CIELCh	93, 14.511, 116.322
Yxy	82.3276, 0.3269, 0.3585
Android (android.graphics.Color)	4293455313 (0xFFE8EDD1)
YUV	232.3130, -11.4933, -0.2745
Hunter-Lab	90.7346, -11.1004, 16.3053

Details

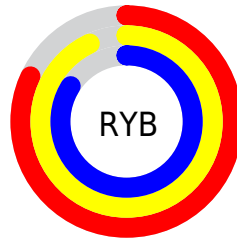
The Yxy color $82.3276, 0.3269, 0.3585$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $66.0039, 0.2975, 0.2984$, and the grayscale version is $81.0289, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.6444, 0.3294, 0.3645$ is the 20% darker color. If you saturate the color by 10%, you get $80.5437, 0.3390, 0.3846$, and if you desaturate by 10%, it is $84.3104, 0.3149, 0.3334$.

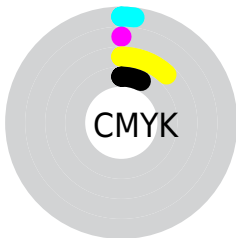
Distribution



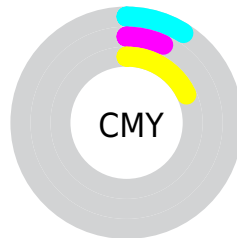
- Red (91%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3276, 0.3269, 0.3585 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 82.3276, 0.3269, 0.3585 by changing the saturation by 10% instead.

82.3276, 0.3269,
0.3585

82.3276, 0.3269,
0.3585

502.7428, 0.3206,
0.3450

61.6356, 0.3283,
0.3616

136.6333, 0.3247,
0.3538

44.7383, 0.3300,
0.3653

171.0158, 0.3239,
0.3520

31.2514, 0.3321,
0.3701

210.7306, 0.3232,
0.3504

20.7903, 0.3348,
0.3762

256.1621, 0.3225,
0.3491

12.9708, 0.3383,
0.3845

307.6947, 0.3219,
0.3479

7.4085, 0.3431,
0.3963

365.7127, 0.3214,

3.7188, 0.3501,

0.3468

0.4144

430.6007, 0.3210,
0.3458

■ 1.5176, 0.3646,
0.4503

■ 0.3010, 0.3001,
0.6999

■ 82.3276, 0.3269,
0.3585

■ 82.3276, 0.3269,
0.3585

■ 80.5437, 0.3390,
0.3846

■ 84.3104, 0.3149,
0.3334

■ 78.9401, 0.3509,
0.4112


■ 86.3988, 0.3041,
0.3112


■ 77.5120, 0.3620,
0.4373


■ 87.1499, 0.3068,
0.3113


■ 76.2503, 0.3718,
0.4619

■ 87.9183, 0.3096,
0.3115

 75.1450, 0.3797,
0.4839


 88.7043, 0.3123,
0.3116

 74.1851, 0.3854,
0.5023

 89.0519, 0.3135,
0.3117

 73.3577, 0.3884,
0.5163

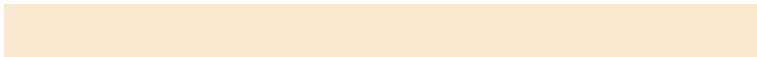
 72.6473, 0.3888,
0.5256

 72.1337, 0.3876,
0.5304

Harmonies

Analogous

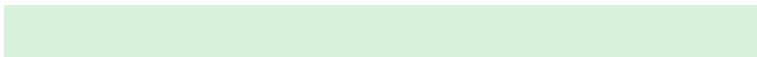
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3276, 0.3401, 0.3557



82.3276, 0.3269, 0.3585



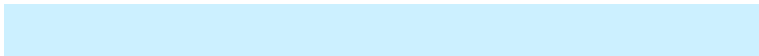
82.3276, 0.3102, 0.3529

Triad

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



82.3276, 0.3269, 0.3585



82.3276, 0.2806, 0.3110



82.3276, 0.3310, 0.3178

Complementary

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



82.3276, 0.3269, 0.3585



66.0039, 0.2975, 0.2984

Split Complementary

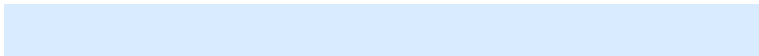
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3276, 0.3146, 0.3067



82.3276, 0.3269, 0.3585



82.3276, 0.2858, 0.3025

Square

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



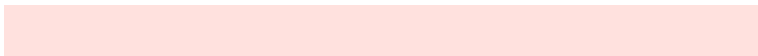
82.3276, 0.3269, 0.3585



82.3276, 0.2838, 0.3248



82.3276, 0.2981, 0.3010



82.3276, 0.3425, 0.3320

Rectangle

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



82.3276, 0.3269, 0.3585



82.3276, 0.2993, 0.3451



82.3276, 0.2981, 0.3010



82.3276, 0.3258, 0.3136

Sweetspot

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



82.3312, 0.3269, 0.3585



99.0167, 0.3175, 0.3388



70.5280, 0.3334, 0.3340



21.1550, 0.3184, 0.3407



0.0000, 0.0000, 0.0000



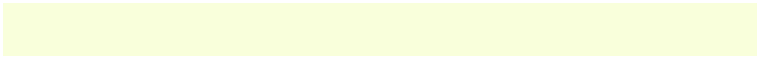
21.4041, 0.3127, 0.3290

Same Dimension

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



82.3312, 0.3269, 0.3585



96.7216, 0.3296, 0.3643



80.1305, 0.3175, 0.3594



17.4831, 0.3240, 0.3525



39.4323, 0.3882, 0.5300



3.1319, 0.3927, 0.5264

Inverse Universe

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



66.0039, 0.2975, 0.2984



74.1556, 0.2943, 0.2921



68.1489, 0.3073, 0.2993



14.6782, 0.3008, 0.3048



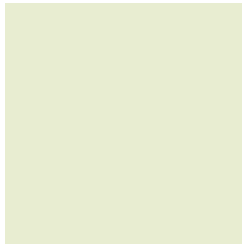
3.6505, 0.1582, 0.0645



0.3238, 0.1701, 0.0711

Previews

White Background



This preview shows how the Yxy color 82.3276, 0.3269, 0.3585 looks on a white background.

Color Contrast Check

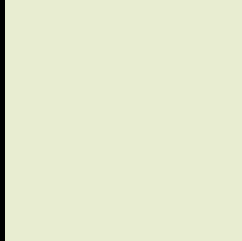
Large Text (above 18pt) WCAG AA × Fail

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 82.3276, 0.3269, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

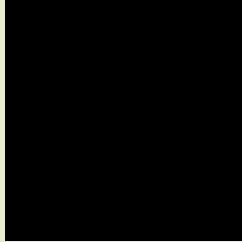
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

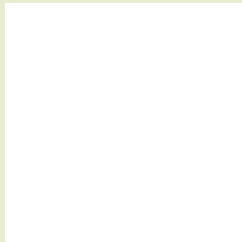
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3276, 0.3269, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 82.3276, 0.3269, 0.3585.

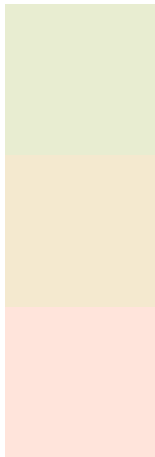


This preview shows how white text looks on a background with the Yxy color 82.3276, 0.3269, 0.3585.

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

82.3276, 0.3269, 0.3585

Protanopia

82.0159, 0.3371, 0.3558

Deuteranopia

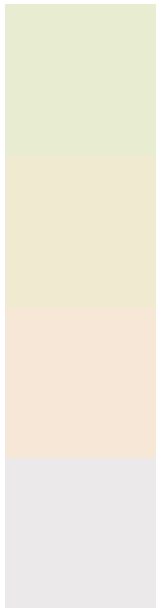
81.8613, 0.3377, 0.3381



Tritanopia

82.1685, 0.3062, 0.3109

Trichromacy



Original Color

82.3276, 0.3269, 0.3585

Protanomaly

81.9250, 0.3335, 0.3560

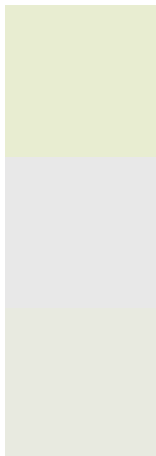
Deuteranomaly

81.8323, 0.3343, 0.3454

Tritanomaly

82.0512, 0.3141, 0.3280

Monochromacy



Original Color

82.3276, 0.3269, 0.3585

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.3833, 0.3176, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3276, 0.3269, 0.3585 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(232, 237, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 237, 209)  
}
```

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(232, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 209) }
```

Border

The CSS property to change the border of an element to Yxy 82.3276, 0.3269, 0.3585 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(232, 237, 209) }
```

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

```
.border{ border-color:rgb(232, 237, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 237, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3276, 0.3269, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 209) }
```

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

```
.background{ background-color: rgb(232,  
237, 209) }
```

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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