

Converting Colors

Yxy(82.9036, 0.3193, 0.3498)

Have a look what the booklet for
Yxy(82.9036, 0.3193, 0.3498)
contains.

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Color

Yxy(82.8690, 0.3191, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	E5EEDA
RGB	229, 238, 218
RGB Percent	90%, 93%, 85%
CMY	0.1018, 0.0667, 0.1451
CMYK	0.04, 0.00, 0.08, 0.07
HSL	87°, 37%, 89%
HSV	87°, 8%, 93%
XYZ	75.5529, 82.8690, 78.3467
YIQ	233.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

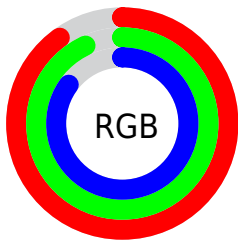
Format	Color
RYB	218, 238, 227
Decimal	15068890
CIELab	92.96, -6.47, 8.64
CIELCh	93, 10.794, 126.842
Yxy	82.8690, 0.3191, 0.3500
Android (android.graphics.Color)	4293258970 (0xFFE5EEDA)
YUV	233.0290, -7.4093, -3.5334
Hunter-Lab	91.0324, -11.1597, 12.6950

Details

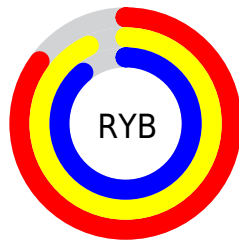
The Yxy color **82.8690, 0.3191, 0.3500** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.6434, 0.3059, 0.3079**, and the grayscale version is **81.5715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0989, 0.3210, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **80.0143, 0.3267, 0.3768**, and if you desaturate by 10%, it is **86.0174, 0.3115, 0.3252**.

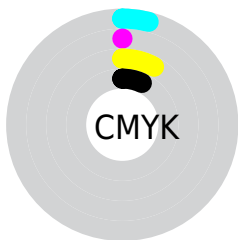
Distribution



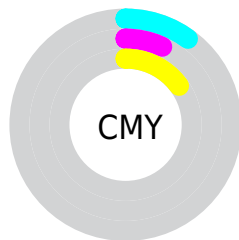
- Red (90%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8690, 0.3191, 0.3500 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 82.8690, 0.3191, 0.3500 by changing the saturation by 10% instead.

82.8690, 0.3191,
0.3500

82.8690, 0.3191,
0.3500

504.5498, 0.3163,
0.3404

62.0821, 0.3197,
0.3522

137.3920, 0.3181,
0.3467

45.0990, 0.3205,
0.3548

171.8968, 0.3178,
0.3454

31.5354, 0.3214,
0.3582

211.7431, 0.3174,
0.3443

21.0069, 0.3226,
0.3626

257.3152, 0.3171,
0.3433

13.1291, 0.3241,
0.3685

308.9975, 0.3169,
0.3424

7.5175, 0.3263,
0.3769

367.1745, 0.3167,

3.7878, 0.3293,

0.3417

0.3898

432.2305, 0.3165,
0.3410

■ 1.5556, 0.3340,
0.4122

■ 0.3274, 0.3187,
0.6813

■ 82.8690, 0.3191,
0.3500

■ 82.8690, 0.3191,
0.3500

■ 80.0143, 0.3267,
0.3768

■ 86.0174, 0.3115,
0.3252

■ 77.4331, 0.3340,
0.4053

■ 88.7558, 0.3105,
0.3125

■ 75.1189, 0.3406,
0.4347

■ 89.6252, 0.3135,
0.3127

■ 73.0608, 0.3460,
0.4640

■ 71.2472, 0.3499,
0.4920

■ 69.6651, 0.3518,
0.5172

■ 68.3004, 0.3514,
0.5382

■ 67.1361, 0.3486,
0.5540

■ 66.1494, 0.3438,
0.5645

Harmonies

Analogous

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



82.8690, 0.3301, 0.3502



82.8690, 0.3191, 0.3500



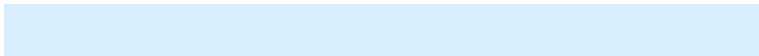
82.8690, 0.3065, 0.3439

Triad

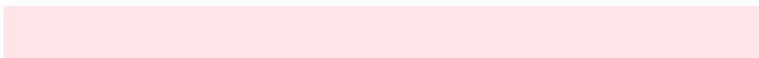
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8690, 0.3191, 0.3500



82.8690, 0.2894, 0.3129



82.8690, 0.3298, 0.3243

Complementary

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



82.8690, 0.3191, 0.3500



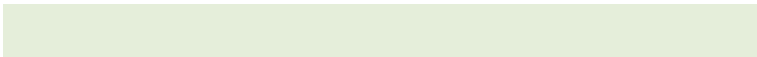
72.6434, 0.3059, 0.3079

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.



82.8690, 0.3186, 0.3148



82.8690, 0.3191, 0.3500



82.8690, 0.2954, 0.3082

Square

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



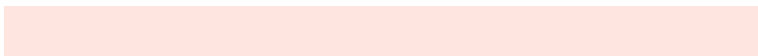
82.8690, 0.3191, 0.3500



82.8690, 0.2896, 0.3221



82.8690, 0.3060, 0.3090



82.8690, 0.3364, 0.3351

Rectangle

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



82.8690, 0.3191, 0.3500



82.8690, 0.2990, 0.3373



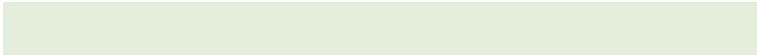
82.8690, 0.3060, 0.3090



82.8690, 0.3264, 0.3209

Sweetspot

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



82.8726, 0.3191, 0.3500



98.8730, 0.3150, 0.3364



77.9950, 0.3264, 0.3381



21.0995, 0.3156, 0.3384



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.



82.8726, 0.3191, 0.3500



96.3631, 0.3203, 0.3543



81.3204, 0.3126, 0.3504



18.0866, 0.3199, 0.3528



36.9033, 0.3440, 0.5651



3.1290, 0.3534, 0.5576

Inverse Universe

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



72.6434, 0.3059, 0.3079



82.2225, 0.3045, 0.3036



74.2655, 0.3127, 0.3084



15.5753, 0.3050, 0.3051



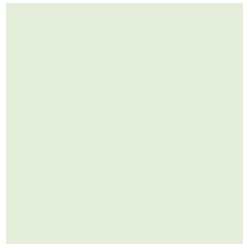
5.2480, 0.1926, 0.0835



0.4948, 0.2072, 0.0915

Previews

White Background



This preview shows how the Yxy color 82.8690, 0.3191, 0.3500 looks on a white background.

Color Contrast Check

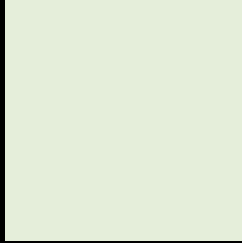
Large Text (above 18pt) WCAG AA × Fail

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 82.8690, 0.3191, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

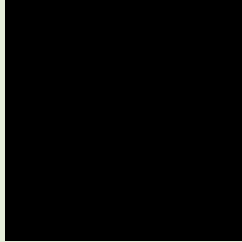
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

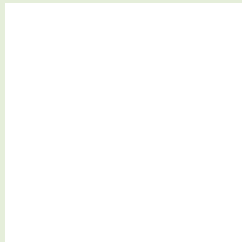
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8690, 0.3191, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 82.8690, 0.3191, 0.3500.

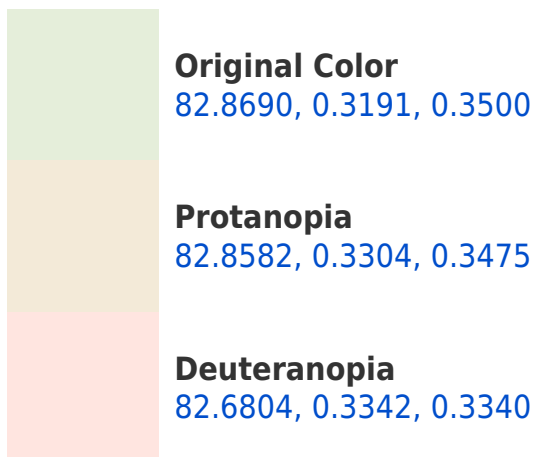


This preview shows how white text looks on a background with the Yxy color 82.8690, 0.3191, 0.3500.

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

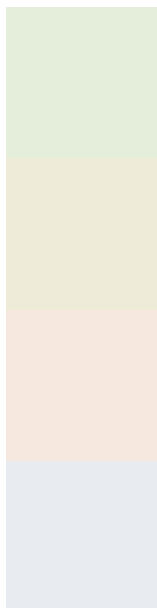




Tritanopia

82.7353, 0.3023, 0.3108

Trichromacy



Original Color

82.8690, 0.3191, 0.3500

Protanomaly

82.6036, 0.3261, 0.3477

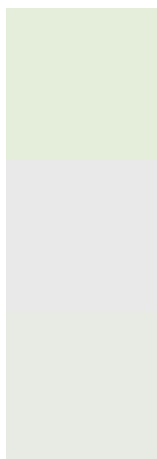
Deuteranomaly

82.5800, 0.3288, 0.3392

Tritanomaly

82.8045, 0.3083, 0.3249

Monochromacy



Original Color

82.8690, 0.3191, 0.3500

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.1739, 0.3151, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8690, 0.3191, 0.3500 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(229, 238, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 238, 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(229, 238, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 238, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.8690, 0.3191, 0.3500 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(229, 238, 218) }
```

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

```
.border{ border-color:rgb(229, 238, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 238, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 238, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 238, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 238,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8690, 0.3191, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 238, 218) }
```

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

```
.background{ background-color: rgb(229,  
238, 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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