

Converting Colors

Yxy(82.4888, 0.3189, 0.3508)

Have a look what the booklet for
Yxy(82.4888, 0.3189, 0.3508)
contains.

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Color

Yxy(82.6528, 0.3190, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	E4EED9
RGB	228, 238, 217
RGB Percent	89%, 93%, 85%
CMY	0.1059, 0.0667, 0.1489
CMYK	0.04, 0.00, 0.09, 0.07
HSL	89°, 38%, 89%
HSV	89°, 9%, 93%
XYZ	75.0961, 82.6528, 77.6621
YIQ	232.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

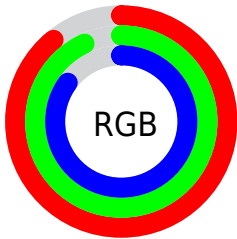
Format	Color
R _Y B	217, 238, 227
Decimal	15003353
CIE Lab	92.86, -7.00, 9.00
CIE LCh	93, 11.399, 127.874
Yxy	82.6528, 0.3190, 0.3511
Android (android.graphics.Color)	4293193433 (0xFFE4EED9)
YUV	232.6160, -7.6987, -4.0482
Hunter-Lab	90.9136, -11.6549, 12.9916

Details

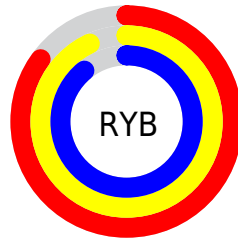
The Yxy color **82.6528, 0.3190, 0.3511** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.1529, 0.3060, 0.3069**, and the grayscale version is **81.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9488, 0.3209, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **79.7088, 0.3261, 0.3781**, and if you desaturate by 10%, it is **85.9046, 0.3119, 0.3262**.

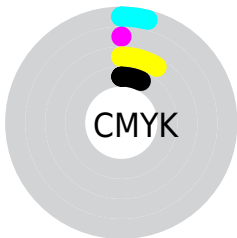
Distribution



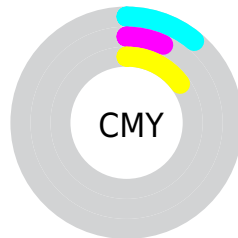
- Red (89%)
- Green (93%)
- Blue (85%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6528, 0.3190, 0.3511 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 82.6528, 0.3190, 0.3511 by changing the saturation by 10% instead.

82.6528, 0.3190,
0.3511

82.6528, 0.3190,
0.3511

503.8287, 0.3162,
0.3410

61.9038, 0.3196,
0.3534

137.0891, 0.3181,
0.3476

44.9549, 0.3203,
0.3562

171.5451, 0.3177,
0.3462

31.4219, 0.3213,
0.3598

211.3389, 0.3174,
0.3451

20.9204, 0.3224,
0.3644

256.8549, 0.3171,
0.3440

13.0658, 0.3239,
0.3706

308.4775, 0.3168,
0.3431

7.4739, 0.3260,
0.3795

366.5911, 0.3166,

3.7602, 0.3289,

0.3423

0.3933

431.5800, 0.3164,
0.3416

■ 1.5403, 0.3333,
0.4172

■ 0.3169, 0.2914,
0.7086

■ 82.6528, 0.3190,
0.3511

■ 82.6528, 0.3190,
0.3511

■ 79.7088, 0.3261,
0.3781

■ 85.9046, 0.3119,
0.3262

■ 77.0519, 0.3328,
0.4069

■ 88.8268, 0.3107,
0.3125

■ 74.6751, 0.3389,
0.4366

■ 89.6314, 0.3135,
0.3127

■ 72.5672, 0.3438,
0.4663

■ 70.7160, 0.3472,
0.4947

■ 69.1080, 0.3485,
0.5203

■ 67.7283, 0.3476,
0.5416

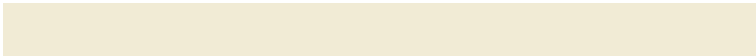
■ 66.5596, 0.3444,
0.5576

■ 65.5773, 0.3393,
0.5682

Harmonies

Analogous

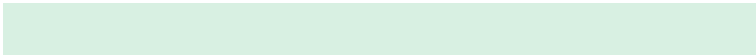
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6528, 0.3308, 0.3515



82.6528, 0.3190, 0.3511



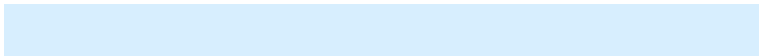
82.6528, 0.3057, 0.3444

Triad

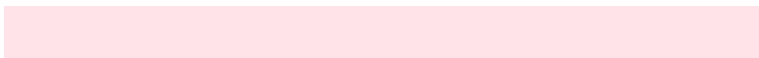
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6528, 0.3190, 0.3511



82.6528, 0.2882, 0.3117



82.6528, 0.3311, 0.3244

Complementary

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



82.6528, 0.3190, 0.3511



72.1529, 0.3060, 0.3069

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.



82.6528, 0.3194, 0.3143



82.6528, 0.3190, 0.3511



82.6528, 0.2947, 0.3070

Square

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



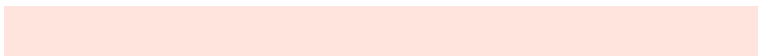
82.6528, 0.3190, 0.3511



82.6528, 0.2882, 0.3213



82.6528, 0.3060, 0.3080



82.6528, 0.3379, 0.3358

Rectangle

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



82.6528, 0.3190, 0.3511



82.6528, 0.2978, 0.3373



82.6528, 0.3060, 0.3080



82.6528, 0.3276, 0.3208

Sweetspot

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



82.6564, 0.3190, 0.3511



98.8313, 0.3149, 0.3364



78.0285, 0.3270, 0.3393



21.0883, 0.3154, 0.3384



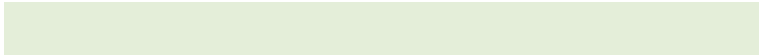
0.0000, 0.0000, 0.0000



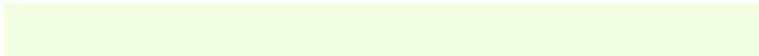
21.4041, 0.3127, 0.3290

Same Dimension

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



82.6564, 0.3190, 0.3511



95.8727, 0.3206, 0.3570



81.0269, 0.3121, 0.3516



18.0630, 0.3195, 0.3528



36.6016, 0.3398, 0.5684



3.1041, 0.3495, 0.5607

Inverse Universe

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



72.1529, 0.3060, 0.3069



80.7146, 0.3041, 0.3010



73.8727, 0.3132, 0.3074



15.5986, 0.3054, 0.3051



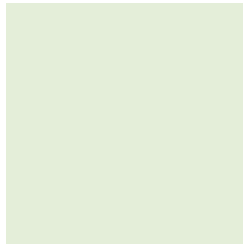
5.4994, 0.1980, 0.0864



0.5164, 0.2124, 0.0944

Previews

White Background



This preview shows how the Yxy color 82.6528, 0.3190, 0.3511 looks on a white background.

Color Contrast Check

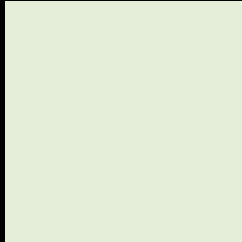
Large Text (above 18pt) WCAG AA × Fail

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 82.6528, 0.3190, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

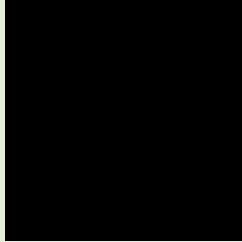
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

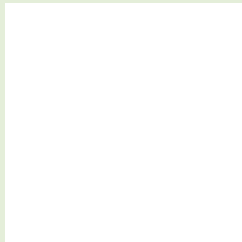
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6528, 0.3190, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 82.6528, 0.3190, 0.3511.



This preview shows how white text looks on a background with the Yxy color 82.6528, 0.3190, 0.3511.

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

82.6528, 0.3190, 0.3511

Protanopia

82.2388, 0.3312, 0.3475

Deuteranopia

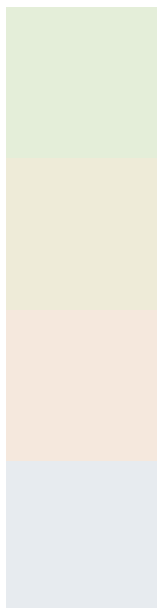
82.6804, 0.3342, 0.3340



Tritanopia

82.5665, 0.3017, 0.3107

Trichromacy



Original Color

82.6528, 0.3190, 0.3511

Protanomaly

82.5517, 0.3268, 0.3487

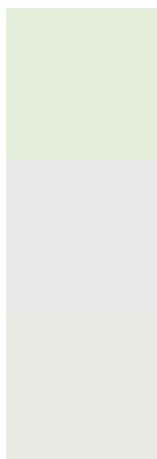
Deuteranomaly

82.3462, 0.3288, 0.3402

Tritanomaly

82.6376, 0.3076, 0.3249

Monochromacy



Original Color

82.6528, 0.3190, 0.3511

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.9516, 0.3150, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6528, 0.3190, 0.3511 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(228, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 238, 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(228, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 238, 217) }
```

Border

The CSS property to change the border of an element to Yxy 82.6528, 0.3190, 0.3511 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(228, 238, 217) }
```

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

```
.border{ border-color:rgb(228, 238, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 238,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6528, 0.3190, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 238, 217) }
```

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

```
.background{ background-color: rgb(228,  
238, 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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