

Converting Colors

$Yxy(82.1910, 0.3245, 0.3650)$

Have a look what the booklet for
Yxy(82.1910, 0.3245, 0.3650)
contains.

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Color

Yxy(82.1483, 0.3244, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	E1EFCD
RGB	225, 239, 205
RGB Percent	88%, 94%, 80%
CMY	0.1174, 0.0628, 0.1960
CMYK	0.06, 0.00, 0.14, 0.06
HSL	85°, 51%, 87%
HSV	85°, 14%, 94%
XYZ	72.9507, 82.1483, 69.7800
YIQ	230.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

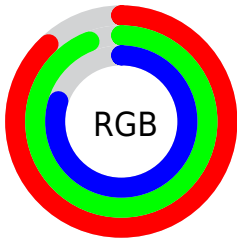
Format	Color
R_{YB}	205, 239, 219
Decimal	14806989
CIE _{Lab}	92.64, -10.49, 14.88
CIE _{LCh}	93, 18.202, 125.177
Yxy	82.1483, 0.3244, 0.3653
Android (android.graphics.Color)	4292997069 (0xFFE1EFCD)
YUV	230.9380, -12.7874, -5.2076
Hunter-Lab	90.6357, -14.9416, 17.7979

Details

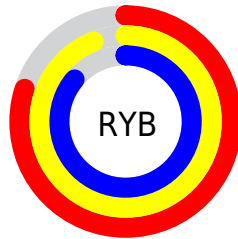
The Yxy color $82.1483, 0.3244, 0.3653$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $64.9568, 0.2997, 0.2923$, and the grayscale version is $79.9666, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.6474, 0.3270, 0.3734$ is the 20% darker color. If you saturate the color by 10%, you get $79.5528, 0.3325, 0.3929$, and if you desaturate by 10%, it is $85.0178, 0.3162, 0.3394$.

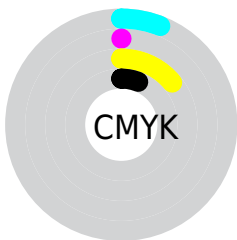
Distribution



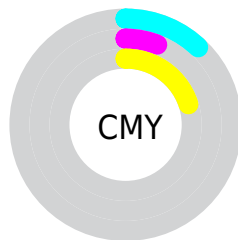
- Red (88%)
- Green (94%)
- Blue (80%)



- Red (80%)
- Yellow (94%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1483, 0.3244, 0.3653 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 82.1483, 0.3244, 0.3653 by changing the saturation by 10% instead.

82.1483, 0.3244,
0.3653

82.1483, 0.3244,
0.3653

502.1436, 0.3193,
0.3486

61.4878, 0.3255,
0.3691

136.3819, 0.3227,
0.3595

44.6189, 0.3268,
0.3738

170.7239, 0.3220,
0.3572

31.1574, 0.3285,
0.3798

210.3950, 0.3214,
0.3553

20.7187, 0.3305,
0.3875

255.7799, 0.3209,
0.3536

12.9186, 0.3331,
0.3980

307.2628, 0.3204,
0.3521

7.3725, 0.3366,
0.4131

365.2281, 0.3200,

3.6961, 0.3412,

0.3508

0.4363

430.0602, 0.3196,
0.3496

■ 1.5051, 0.3553,
0.4879

■ 0.2923, 0.0695,
0.9305

■ 82.1483, 0.3244,
0.3653

■ 82.1483, 0.3244,
0.3653

■ 79.5528, 0.3325,
0.3929

■ 85.0178, 0.3162,
0.3394

■ 77.2110, 0.3401,
0.4217

■ 88.1595, 0.3080,
0.3154

■ 75.1165, 0.3467,
0.4507

■ 90.1067, 0.3131,
0.3136

■ 73.2582, 0.3520,
0.4788

■ 90.2072, 0.3134,
0.3136

■ 71.6243, 0.3553,
0.5046

■ 70.2015, 0.3564,
0.5269

■ 68.9745, 0.3551,
0.5443

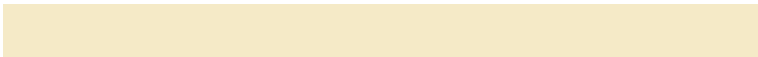
■ 67.9252, 0.3514,
0.5564

■ 67.3841, 0.3486,
0.5614

Harmonies

Analogous

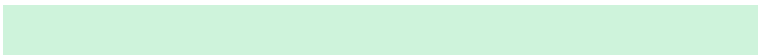
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1483, 0.3429, 0.3646



82.1483, 0.3244, 0.3653



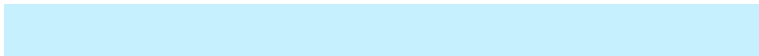
82.1483, 0.3032, 0.3553

Triad

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



82.1483, 0.3244, 0.3653



82.1483, 0.2735, 0.3023



82.1483, 0.3408, 0.3199

Complementary

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



82.1483, 0.3244, 0.3653



64.9568, 0.2997, 0.2923

Split Complementary

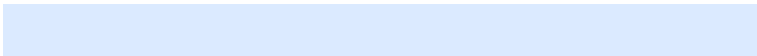
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1483, 0.3213, 0.3047



82.1483, 0.3244, 0.3653



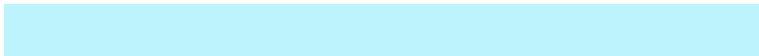
82.1483, 0.2827, 0.2944

Square

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



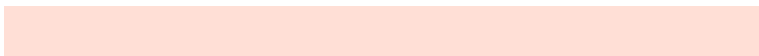
82.1483, 0.3244, 0.3653



82.1483, 0.2743, 0.3180



82.1483, 0.3001, 0.2954



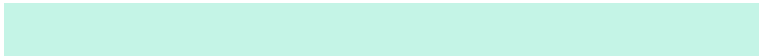
82.1483, 0.3527, 0.3378

Rectangle

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



82.1483, 0.3244, 0.3653



82.1483, 0.2905, 0.3440



82.1483, 0.3001, 0.2954



82.1483, 0.3349, 0.3144

Sweetspot

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



82.1519, 0.3244, 0.3653



98.5752, 0.3160, 0.3388



73.2163, 0.3370, 0.3435



21.0430, 0.3166, 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.



82.1519, 0.3244, 0.3653



94.2971, 0.3267, 0.3730



79.6063, 0.3132, 0.3666



18.1170, 0.3205, 0.3528



37.3201, 0.3496, 0.5606



3.1627, 0.3586, 0.5535

Inverse Universe

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



64.9568, 0.2997, 0.2923



70.8621, 0.2968, 0.2843



67.6666, 0.3119, 0.2936



15.5454, 0.3044, 0.3050



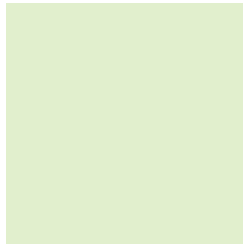
4.9532, 0.1862, 0.0799



0.4689, 0.2009, 0.0880

Previews

White Background



This preview shows how the Yxy color 82.1483, 0.3244, 0.3653 looks on a white background.

Color Contrast Check

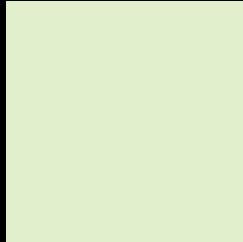
Large Text (above 18pt) WCAG AA × Fail

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 82.1483, 0.3244, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

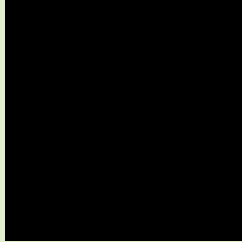
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

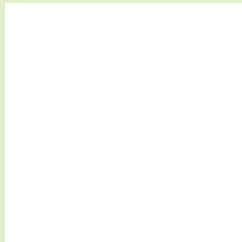
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1483, 0.3244, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 82.1483, 0.3244, 0.3653.

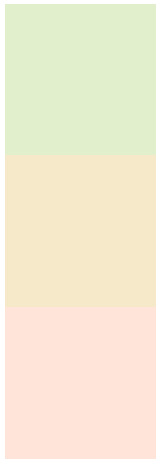


This preview shows how white text looks on a background with the Yxy color 82.1483, 0.3244, 0.3653.

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

82.1483, 0.3244, 0.3653

Protanopia

81.9546, 0.3412, 0.3610

Deuteranopia

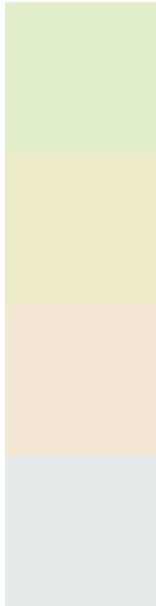
81.7566, 0.3391, 0.3401



Tritanopia

81.8341, 0.3010, 0.3097

Trichromacy



Original Color

82.1483, 0.3244, 0.3653

Protanomaly

81.9056, 0.3352, 0.3625

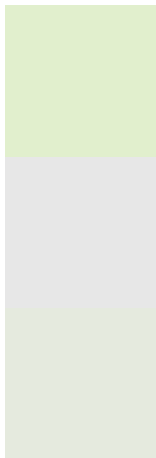
Deuteranomaly

81.7504, 0.3333, 0.3486

Tritanomaly

82.0152, 0.3093, 0.3300

Monochromacy



Original Color

82.1483, 0.3244, 0.3653

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.7776, 0.3169, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1483, 0.3244, 0.3653 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(225, 239, 205)` looks like.

```
.text, #text, p{  
    color:rgb(225, 239, 205)  
}
```

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(225, 239, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 239, 205) }
```

Border

The CSS property to change the border of an element to Yxy 82.1483, 0.3244, 0.3653 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(225, 239, 205) }
```

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

```
.border{ border-color:rgb(225, 239, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 239, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 239, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 239, 205);  
box-shadow:4px 4px 4px 4px rgb(225, 239,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1483, 0.3244, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 239, 205) }
```

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

```
.background{ background-color: rgb(225,  
239, 205) }
```

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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