

Converting Colors

$Yxy(84.6380, 0.3314, 0.3524)$

Have a look what the booklet for
Yxy(84.6380, 0.3314, 0.3524)
contains.

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Color

Yxy(84.4781, 0.3313, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	F3EDD6
RGB	243, 237, 214
RGB Percent	95%, 93%, 84%
CMY	0.0472, 0.0705, 0.1608
CMYK	0.00, 0.02, 0.12, 0.05
HSL	48°, 55%, 90%
HSV	48°, 12%, 95%
XYZ	79.3749, 84.4781, 75.7332
YIQ	236.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

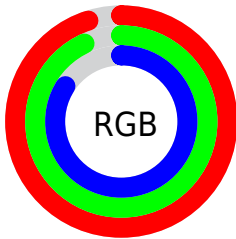
Format	Color
RYB	222, 243, 214
Decimal	15986134
CIELab	93.66, -1.81, 11.86
CIElCh	94, 11.999, 98.677
Yxy	84.4781, 0.3313, 0.3526
Android (android.graphics.Color)	4294176214 (0xFFF3EDD6)
YUV	236.1720, -10.9308, 5.9882
Hunter-Lab	91.9120, -6.6939, 15.4849

Details

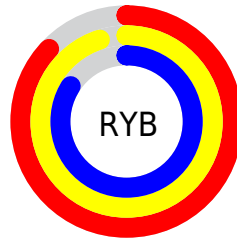
The Yxy color **84.4781, 0.3313, 0.3526** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.9212, 0.2939, 0.3042**, and the grayscale version is **84.0972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1157, 0.3360, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **80.4808, 0.3481, 0.3732**, and if you desaturate by 10%, it is **88.7485, 0.3156, 0.3327**.

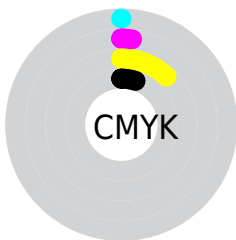
Distribution



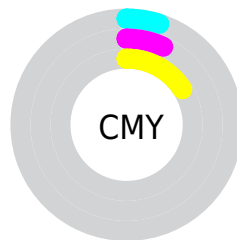
- Red (95%)
- Green (93%)
- Blue (84%)



- Red (87%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4781, 0.3313, 0.3526 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 84.4781, 0.3313, 0.3526 by changing the saturation by 10% instead.

84.4781, 0.3313,
0.3526

84.4781, 0.3313,
0.3526

509.8995, 0.3229,
0.3419

63.4102, 0.3332,
0.3550

139.6438, 0.3284,
0.3489

46.1732, 0.3354,
0.3579

174.5104, 0.3273,
0.3475

32.3825, 0.3382,
0.3615

214.7453, 0.3264,
0.3463

21.6538, 0.3418,
0.3662

260.7331, 0.3255,
0.3452

13.6028, 0.3466,
0.3725

312.8580, 0.3247,
0.3442

7.8449, 0.3533,
0.3813

371.5044, 0.3241,

3.9959, 0.3631,

0.3434

0.3944

437.0568, 0.3235,
0.3426

■ 1.6712, 0.3795,
0.4167

■ 0.4049, 0.4569,
0.5431

■ 84.4781, 0.3313,
0.3526

■ 84.4781, 0.3313,
0.3526

■ 80.4808, 0.3481,
0.3732

■ 88.7485, 0.3156,
0.3327

■ 76.7366, 0.3657,
0.3939

■ 92.7909, 0.3055,
0.3212

■ 73.2398, 0.3838,
0.4139

■ 95.8851, 0.3054,
0.3261

■ 69.9802, 0.4016,
0.4325

■ 97.7894, 0.3053,
0.3290

■ 66.9466, 0.4184,
0.4485

■ 64.1267, 0.4335,
0.4608

■ 61.5062, 0.4462,
0.4688

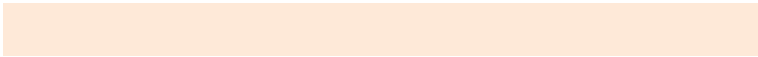
■ 59.0683, 0.4559,
0.4719

■ 57.2124, 0.4618,
0.4715

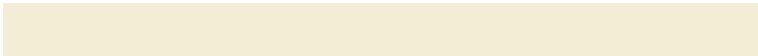
Harmonies

Analogous

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



84.4781, 0.3388, 0.3467



84.4781, 0.3313, 0.3526



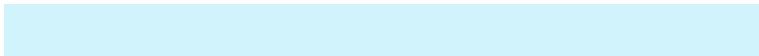
84.4781, 0.3189, 0.3520

Triad

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



84.4781, 0.3313, 0.3526



84.4781, 0.2870, 0.3207



84.4781, 0.3200, 0.3139

Complementary

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



84.4781, 0.3313, 0.3526



71.9212, 0.2939, 0.3042

Split Complementary

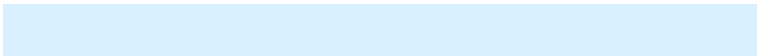
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4781, 0.3061, 0.3072



84.4781, 0.3313, 0.3526



84.4781, 0.2873, 0.3108

Square

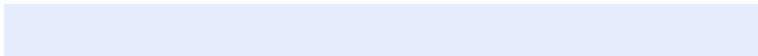
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4781, 0.3313, 0.3526



84.4781, 0.2935, 0.3332



84.4781, 0.2942, 0.3060



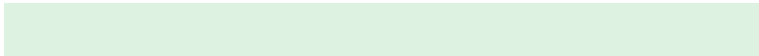
84.4781, 0.3322, 0.3245

Rectangle

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



84.4781, 0.3313, 0.3526



84.4781, 0.3096, 0.3479



84.4781, 0.2942, 0.3060



84.4781, 0.3154, 0.3112

Sweetspot

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



84.4818, 0.3313, 0.3526



98.0306, 0.3188, 0.3368



72.3194, 0.3298, 0.3225



20.9045, 0.3199, 0.3383



0.0000, 0.0000, 0.0000



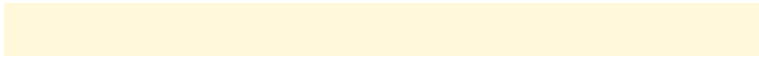
21.4041, 0.3127, 0.3290

Same Dimension

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



84.4818, 0.3313, 0.3526



93.3196, 0.3348, 0.3569



86.5592, 0.3250, 0.3590



18.7015, 0.3274, 0.3477



31.6081, 0.4610, 0.4722



2.9204, 0.4548, 0.4771

Inverse Universe

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



71.9212, 0.2939, 0.3042



77.0651, 0.2904, 0.2995



70.1191, 0.2994, 0.2982



16.4781, 0.2979, 0.3096



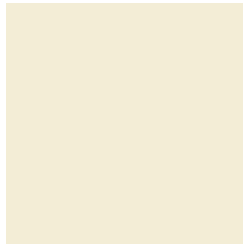
4.9535, 0.1557, 0.0805



0.5763, 0.1617, 0.1021

Previews

White Background



This preview shows how the Yxy color 84.4781, 0.3313, 0.3526 looks on a white background.

Color Contrast Check

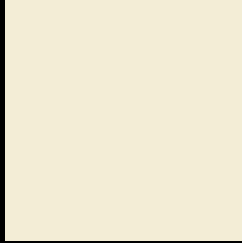
Large Text (above 18pt) WCAG AA × Fail

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 84.4781, 0.3313, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

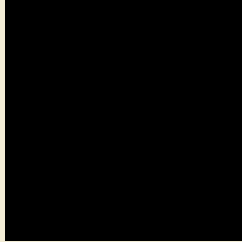
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

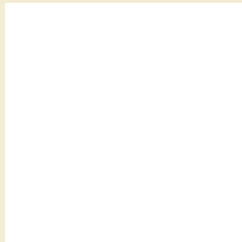
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4781, 0.3313, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 84.4781, 0.3313, 0.3526.

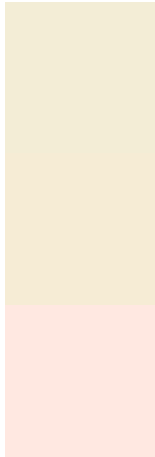


This preview shows how white text looks on a background with the Yxy color 84.4781, 0.3313, 0.3526.

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

84.4781, 0.3313, 0.3526

Protanopia

84.3878, 0.3342, 0.3525

Deuteranopia

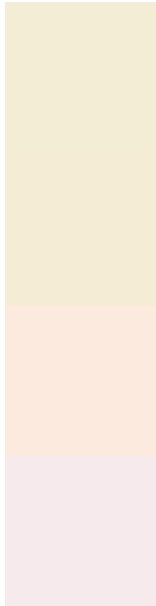
84.4095, 0.3331, 0.3360



Tritanopia

84.5718, 0.3122, 0.3113

Trichromacy



Original Color

84.4781, 0.3313, 0.3526

Protanomaly

84.2075, 0.3335, 0.3525

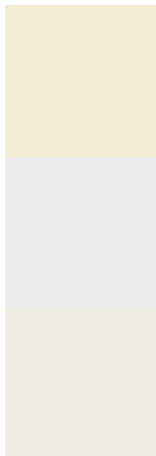
Deuteranomaly

84.5753, 0.3327, 0.3421

Tritanomaly

84.5529, 0.3189, 0.3260

Monochromacy



Original Color

84.4781, 0.3313, 0.3526

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.9431, 0.3197, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4781, 0.3313, 0.3526 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(243, 237, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 214)  
}
```

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(243, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 214) }
```

Border

The CSS property to change the border of an element to Yxy 84.4781, 0.3313, 0.3526 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(243, 237, 214) }
```

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

```
.border{ border-color:rgb(243, 237, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4781, 0.3313, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 214) }
```

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

```
.background{ background-color: rgb(243,  
237, 214) }
```

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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