

Converting Colors

$Yxy(82.6343, 0.3343, 0.3575)$

Have a look what the booklet for
Yxy(82.6343, 0.3343, 0.3575)
contains.

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Color

Yxy(82.6715, 0.3341, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	F1EBD0
RGB	241, 235, 208
RGB Percent	95%, 92%, 82%
CMY	0.0549, 0.0784, 0.1844
CMYK	0.00, 0.02, 0.14, 0.05
HSL	49°, 54%, 88%
HSV	49°, 14%, 95%
XYZ	77.3685, 82.6715, 71.5328
YIQ	233.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

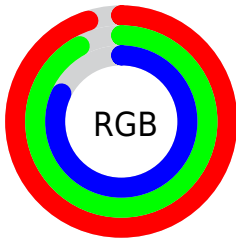
Format	Color
R _Y B	215, 241, 208
Decimal	15854544
CIE Lab	92.87, -2.42, 13.84
CIE LCh	93, 14.052, 99.907
Yxy	82.6715, 0.3341, 0.3570
Android (android.graphics.Color)	4294044624 (0xFFFF1EBD0)
YUV	233.7160, -12.6780, 6.3881
Hunter-Lab	90.9239, -7.2284, 17.0013

Details

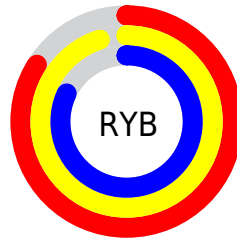
The Yxy color **82.6715, 0.3341, 0.3570** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.8372, 0.2909, 0.2994**, and the grayscale version is **82.1459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8876, 0.3387, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **79.1001, 0.3509, 0.3782**, and if you desaturate by 10%, it is **86.4922, 0.3183, 0.3364**.

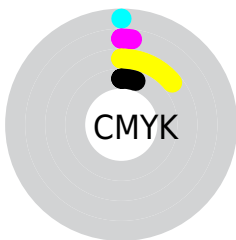
Distribution



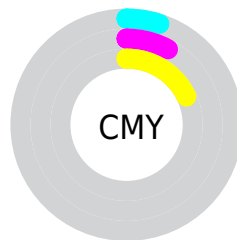
- Red (95%)
- Green (92%)
- Blue (82%)



- Red (84%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6715, 0.3341, 0.3570 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 82.6715, 0.3341, 0.3570 by changing the saturation by 10% instead.

82.6715, 0.3341,
0.3570

82.6715, 0.3341,
0.3570

503.8911, 0.3245,
0.3443

61.9192, 0.3362,
0.3599

137.1153, 0.3308,
0.3526

44.9674, 0.3389,
0.3633

171.5755, 0.3295,
0.3509

31.4318, 0.3421,
0.3677

211.3739, 0.3284,
0.3494

20.9278, 0.3463,
0.3734

256.8947, 0.3274,
0.3481

13.0713, 0.3518,
0.3810

308.5225, 0.3265,
0.3470

7.4776, 0.3595,
0.3916

366.6415, 0.3258,

3.7626, 0.3708,

0.3460

0.4075

431.6363, 0.3251,
0.3451

■ 1.5416, 0.3940,
0.4396

■ 0.3178, 0.4333,
0.5667

■ 82.6715, 0.3341,
0.3570

■ 82.6715, 0.3341,
0.3570

■ 79.1001, 0.3509,
0.3782

■ 86.4922, 0.3183,
0.3364

■ 75.7586, 0.3683,
0.3993

■ 90.4836, 0.3043,
0.3179

■ 72.6413, 0.3858,
0.4197

■ 93.1479, 0.3043,
0.3223

■ 69.7385, 0.4029,
0.4382

■ 95.8752, 0.3042,
0.3266

67.0390, 0.4188,
0.4540

97.4427, 0.3042,
0.3290

64.5308, 0.4326,
0.4659

62.1998, 0.4439,
0.4734

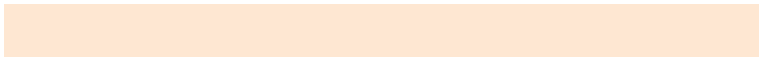
60.0287, 0.4522,
0.4761

58.7292, 0.4562,
0.4760

Harmonies

Analogous

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



82.6715, 0.3433, 0.3503



82.6715, 0.3341, 0.3570



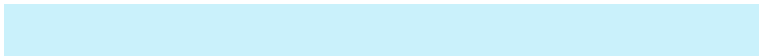
82.6715, 0.3193, 0.3561

Triad

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



82.6715, 0.3341, 0.3570



82.6715, 0.2823, 0.3185



82.6715, 0.3220, 0.3117

Complementary

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



82.6715, 0.3341, 0.3570



67.8372, 0.2909, 0.2994

Split Complementary

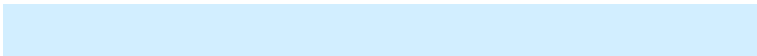
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6715, 0.3055, 0.3036



82.6715, 0.3341, 0.3570



82.6715, 0.2830, 0.3071

Square

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



82.6715, 0.3341, 0.3570



82.6715, 0.2896, 0.3333



82.6715, 0.2913, 0.3018



82.6715, 0.3362, 0.3242

Rectangle

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



82.6715, 0.3341, 0.3570



82.6715, 0.3083, 0.3510



82.6715, 0.2913, 0.3018



82.6715, 0.3165, 0.3084

Sweetspot

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



82.6751, 0.3341, 0.3570



98.1832, 0.3188, 0.3370



68.6558, 0.3335, 0.3227



20.9432, 0.3199, 0.3385



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.



82.6751, 0.3341, 0.3570



93.0049, 0.3379, 0.3619



84.3835, 0.3261, 0.3637



17.9419, 0.3273, 0.3482



32.0273, 0.4555, 0.4765



2.7901, 0.4499, 0.4810

Inverse Universe

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



67.8372, 0.2909, 0.2994



73.5848, 0.2869, 0.2938



66.4204, 0.2980, 0.2934



15.6933, 0.2980, 0.3091



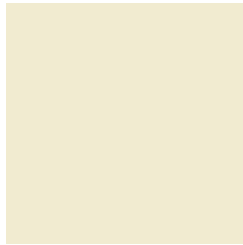
4.5523, 0.1547, 0.0768



0.5078, 0.1608, 0.0987

Previews

White Background



This preview shows how the Yxy color 82.6715, 0.3341, 0.3570 looks on a white background.

Color Contrast Check

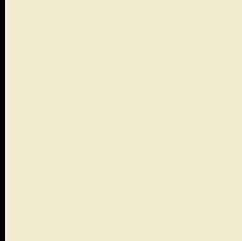
Large Text (above 18pt) WCAG AA × Fail

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 82.6715, 0.3341, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

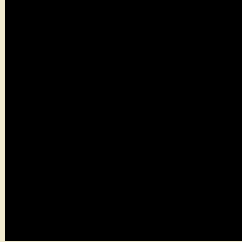
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

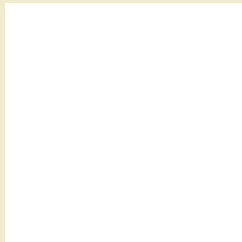
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6715, 0.3341, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 82.6715, 0.3341, 0.3570.

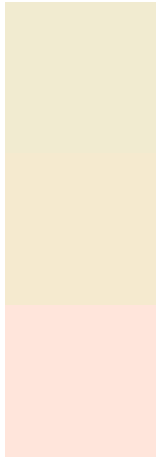


This preview shows how white text looks on a background with the Yxy color 82.6715, 0.3341, 0.3570.

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

82.6715, 0.3341, 0.3570

Protanopia

82.7631, 0.3377, 0.3568

Deuteranopia

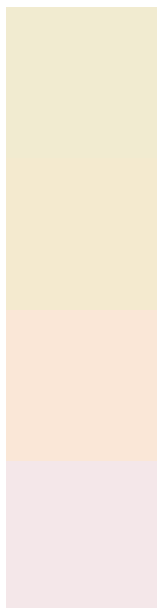
82.4131, 0.3376, 0.3391



Tritanopia

82.3469, 0.3129, 0.3111

Trichromacy



Original Color

82.6715, 0.3341, 0.3570

Protanomaly

82.5837, 0.3370, 0.3568

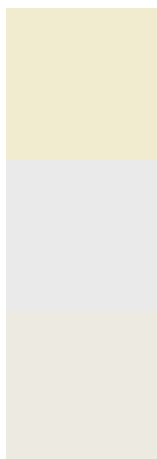
Deuteranomaly

82.3821, 0.3364, 0.3453

Tritanomaly

82.2681, 0.3203, 0.3270

Monochromacy



Original Color

82.6715, 0.3341, 0.3570

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.2864, 0.3204, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6715, 0.3341, 0.3570 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(241, 235, 208)` looks like.

```
.text, #text, p{  
    color:rgb(241, 235, 208)  
}
```

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(241, 235, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 235, 208) }
```

Border

The CSS property to change the border of an element to Yxy 82.6715, 0.3341, 0.3570 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(241, 235, 208) }
```

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

```
.border{ border-color:rgb(241, 235, 208) }
```

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

Here you see how a box with a 4 pixel rgb(241, 235, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 235, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 235, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 235,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6715, 0.3341, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 235, 208) }
```

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

```
.background{ background-color: rgb(241,  
235, 208) }
```

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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