

Converting Colors

$Yxy(80.3701, 0.3482, 0.3695)$

Have a look what the booklet for
Yxy(80.3701, 0.3482, 0.3695)
contains.

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Color

Yxy(80.3701, 0.3482, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	F5E7C0
RGB	245, 231, 192
RGB Percent	96%, 91%, 75%
CMY	0.0394, 0.0940, 0.2470
CMYK	0.00, 0.06, 0.22, 0.04
HSL	44°, 72%, 86%
HSV	44°, 22%, 96%
XYZ	75.7371, 80.3701, 61.4032
YIQ	230.7400, 20.8630, -9.1610

Conversions

Conversions Part 2

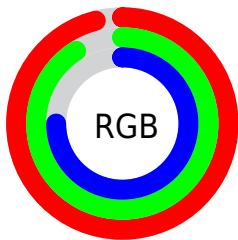
Format	Color
R _Y B	211, 245, 192
Decimal	16115648
CIE Lab	91.85, -1.33, 20.71
CIE LCh	92, 20.755, 93.665
Yxy	80.3701, 0.3482, 0.3695
Android (android.graphics.Color)	4294305728 (0xFFFF5E7C0)
YUV	230.7400, -19.0988, 12.5060
Hunter-Lab	89.6494, -6.0869, 22.1453

Details

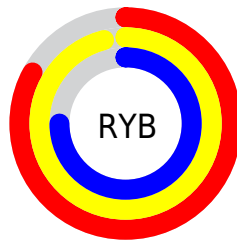
The Yxy color **80.3701, 0.3482, 0.3695** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.9239, 0.2774, 0.2849**, and the grayscale version is **79.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **43.5770, 0.3561, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **75.8316, 0.3665, 0.3889**, and if you desaturate by 10%, it is **85.2296, 0.3310, 0.3503**.

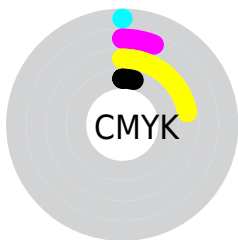
Distribution



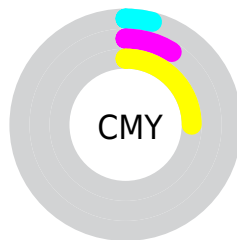
- Red (96%)
- Green (91%)
- Blue (75%)



- Red (83%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.3701, 0.3482, 0.3695 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 80.3701, 0.3482, 0.3695 by changing the saturation by 10% instead.

80.3701, 0.3482,
0.3695

80.3701, 0.3482,
0.3695

496.1792, 0.3321,
0.3511

60.0230, 0.3518,
0.3736

133.8859, 0.3427,
0.3632

43.4371, 0.3561,
0.3787

167.8234, 0.3405,
0.3607

30.2282, 0.3616,
0.3849

207.0598, 0.3387,
0.3586

20.0119, 0.3685,
0.3930

251.9795, 0.3370,
0.3567

12.4037, 0.3776,
0.4037

302.9669, 0.3356,
0.3550

7.0192, 0.3901,
0.4185

360.4064, 0.3343,

3.4741, 0.4079,

0.3536

0.4398

424.6824, 0.3332,
0.3523

■ 1.3840, 0.4790,
0.5210

■ 0.2049, 0.4421,
0.5579

■ 80.3701, 0.3482,
0.3695

■ 80.3701, 0.3482,
0.3695

■ 75.8316, 0.3665,
0.3889

■ 85.2296, 0.3310,
0.3503

■ 71.5930, 0.3857,
0.4078

■ 90.4090, 0.3151,
0.3319

■ 67.6467, 0.4050,
0.4254

■ 95.2254, 0.3067,
0.3245

■ 63.9805, 0.4238,
0.4405

■ 98.1447, 0.3065,
0.3290

■ 60.5812, 0.4411,
0.4522

■ 57.4334, 0.4561,
0.4593

■ 54.5192, 0.4682,
0.4616

■ 52.2313, 0.4762,
0.4601

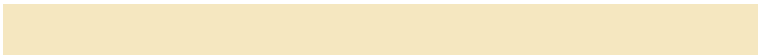
Harmonies

Analogous

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



80.3701, 0.3598, 0.3569



80.3701, 0.3482, 0.3695



80.3701, 0.3272, 0.3711

Triad

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



80.3701, 0.3482, 0.3695



80.3701, 0.2692, 0.3172



80.3701, 0.3213, 0.3005

Complementary

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



80.3701, 0.3482, 0.3695



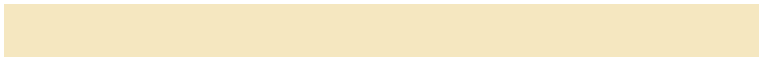
61.9239, 0.2774, 0.2849

Split Complementary

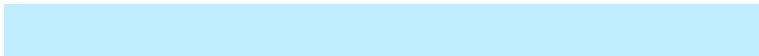
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3701, 0.2970, 0.2903



80.3701, 0.3482, 0.3695



80.3701, 0.2676, 0.2990

Square

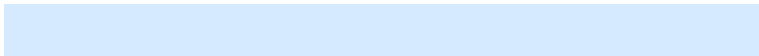
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3701, 0.3482, 0.3695



80.3701, 0.2818, 0.3400



80.3701, 0.2776, 0.2896



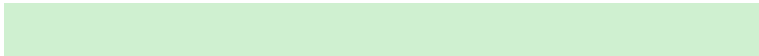
80.3701, 0.3440, 0.3176

Rectangle

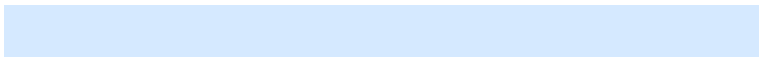
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3701, 0.3482, 0.3695



80.3701, 0.3110, 0.3652



80.3701, 0.2776, 0.2896



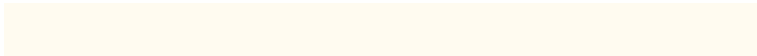
80.3701, 0.3130, 0.2962

Sweetspot

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



80.3737, 0.3482, 0.3695



96.5098, 0.3219, 0.3399



61.5775, 0.3451, 0.3141



20.5774, 0.3230, 0.3411



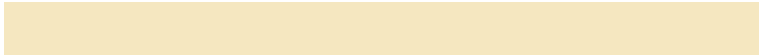
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.3737, 0.3482, 0.3695



85.8038, 0.3562, 0.3781



86.3428, 0.3368, 0.3845



18.5319, 0.3275, 0.3463



28.3872, 0.4750, 0.4610



2.6619, 0.4665, 0.4678

Inverse Universe

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



61.9239, 0.2774, 0.2849



62.2192, 0.2694, 0.2745



57.1901, 0.2850, 0.2701



16.6362, 0.2979, 0.3110



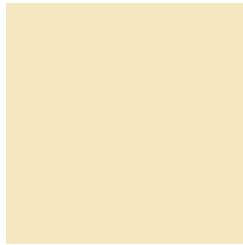
5.7496, 0.1588, 0.0915



0.6665, 0.1653, 0.1151

Previews

White Background



This preview shows how the Yxy color 80.3701, 0.3482, 0.3695 looks on a white background.

Color Contrast Check

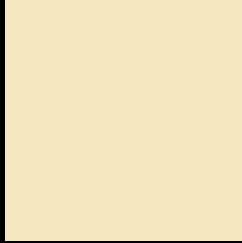
Large Text (above 18pt) WCAG AA × Fail

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 80.3701, 0.3482, 0.3695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

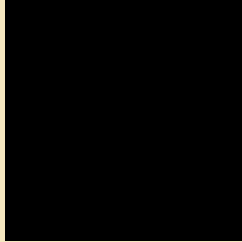
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.3701, 0.3482, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 80.3701, 0.3482, 0.3695.

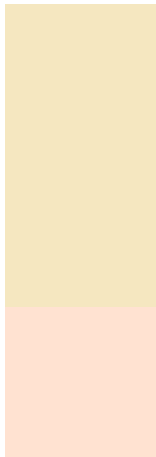


This preview shows how white text looks on a background with the Yxy color 80.3701, 0.3482, 0.3695.

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

80.3701, 0.3482, 0.3695

Protanopia

80.3701, 0.3482, 0.3695

Deuteranopia

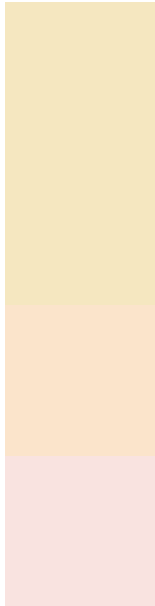
80.2562, 0.3449, 0.3462



Tritanopia

80.2313, 0.3198, 0.3112

Trichromacy



Original Color

80.3701, 0.3482, 0.3695

Protanomaly

80.3701, 0.3482, 0.3695

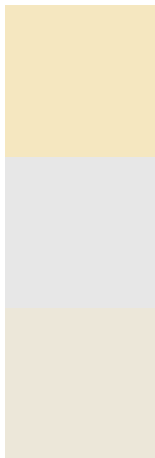
Deuteranomaly

80.3078, 0.3457, 0.3546

Tritanomaly

80.4597, 0.3301, 0.3321

Monochromacy



Original Color

80.3701, 0.3482, 0.3695

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.9944, 0.3252, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.3701, 0.3482, 0.3695 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(245, 231, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 192)  
}
```

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(245, 231, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 192) }
```

Border

The CSS property to change the border of an element to Yxy 80.3701, 0.3482, 0.3695 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(245, 231, 192) }
```

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

```
.border{ border-color:rgb(245, 231, 192) }
```

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

Here you see how a box with a 4 pixel rgb(245, 231, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 80.3701, 0.3482, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 192) }
```

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

```
.background{ background-color: rgb(245,  
231, 192) }
```

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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