

Converting Colors

$Yxy(80.3393, 0.3499, 0.3727)$

Have a look what the booklet for
Yxy(80.3393, 0.3499, 0.3727)
contains.

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Color

Yxy(80.2384, 0.3503, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	F5E7BD
RGB	245, 231, 189
RGB Percent	96%, 91%, 74%
CMY	0.0392, 0.0941, 0.2590
CMYK	0.00, 0.06, 0.23, 0.04
HSL	45°, 74%, 85%
HSV	45°, 23%, 96%
XYZ	75.4159, 80.2384, 59.6352
YIQ	230.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

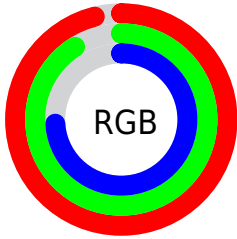
Format	Color
R _Y B	208, 245, 189
Decimal	16115645
CIE Lab	91.79, -1.73, 22.21
CIE LCh	92, 22.279, 94.451
Yxy	80.2384, 0.3503, 0.3727
Android (android.graphics.Color)	4294305725 (0xFFF5E7BD)
YUV	230.3980, -20.4092, 12.8060
Hunter-Lab	89.5759, -6.4747, 23.2308

Details

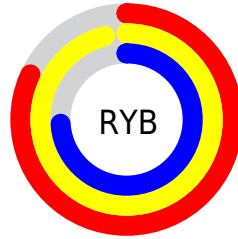
The Yxy color **80.2384, 0.3503, 0.3727** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.1024, 0.2751, 0.2811**, and the grayscale version is **79.5837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **43.5196, 0.3578, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **75.8997, 0.3686, 0.3924**, and if you desaturate by 10%, it is **84.8838, 0.3330, 0.3532**.

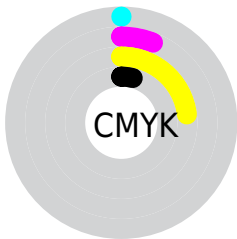
Distribution



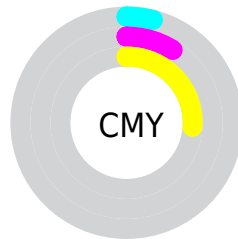
- Red (96%)
- Green (91%)
- Blue (74%)



- Red (82%)
- Yellow (96%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2384, 0.3503, 0.3727 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 80.2384, 0.3503, 0.3727 by changing the saturation by 10% instead.

 80.2384, 0.3503,
0.3727

 80.2384, 0.3503,
0.3727


495.7359, 0.3333,
0.3528

 59.9146, 0.3541,
0.3771


 133.7009, 0.3445,
0.3659

 43.3498, 0.3587,
0.3826


167.6083, 0.3422,
0.3632

 30.1596, 0.3644,
0.3894


206.8123, 0.3402,
0.3609

 19.9598, 0.3717,
0.3980

251.6974, 0.3385,
0.3589

 12.3658, 0.3812,
0.4095

302.6479, 0.3370,
0.3571

 6.9933, 0.3942,
0.4253


360.0482, 0.3356,


 3.4579, 0.4124,

0.3555


0.4480

424.2827, 0.3344,
0.3541

 1.3752, 0.4764,
0.5236


 0.1984, 0.4245,
0.5755

 80.2384, 0.3503,
0.3727


 80.2384, 0.3503,
0.3727


 75.8997, 0.3686,
0.3924


 84.8838, 0.3330,
0.3532


 71.8468, 0.3875,
0.4115

 89.8347, 0.3171,
0.3343

 68.0721, 0.4064,
0.4291

 94.6136, 0.3067,
0.3235

 64.5637, 0.4246,
0.4440

 98.1538, 0.3066,
0.3290

■ 61.3081, 0.4412,
0.4553

■ 58.2900, 0.4553,
0.4621

■ 55.4912, 0.4664,
0.4640

■ 53.6118, 0.4727,
0.4628

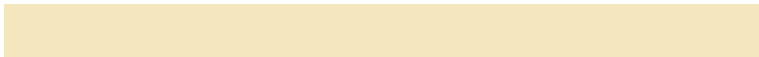
Harmonies

Analogous

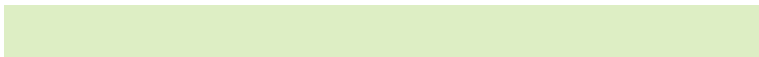
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2384, 0.3632, 0.3593



80.2384, 0.3503, 0.3727



80.2384, 0.3275, 0.3743

Triad

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



80.2384, 0.3503, 0.3727



80.2384, 0.2658, 0.3157



80.2384, 0.3226, 0.2989

Complementary

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



80.2384, 0.3503, 0.3727



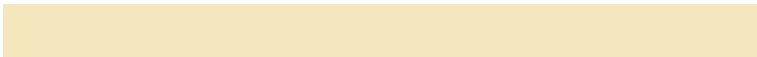
60.1024, 0.2751, 0.2811

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.



80.2384, 0.2964, 0.2878



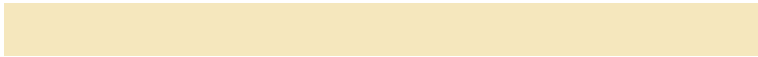
80.2384, 0.3503, 0.3727



80.2384, 0.2646, 0.2963

Square

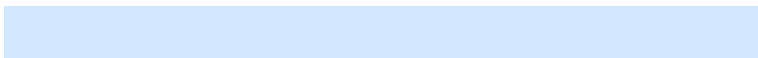
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.2384, 0.3503, 0.3727



80.2384, 0.2791, 0.3401



80.2384, 0.2755, 0.2866



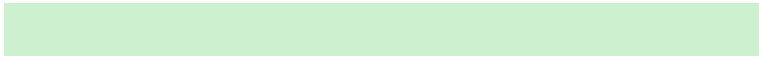
80.2384, 0.3469, 0.3172

Rectangle

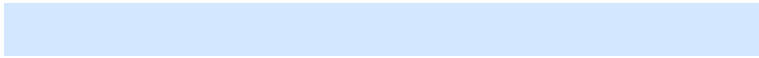
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.2384, 0.3503, 0.3727



80.2384, 0.3101, 0.3676



80.2384, 0.2755, 0.2866



80.2384, 0.3137, 0.2942

Sweetspot

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



80.2420, 0.3503, 0.3727



96.0910, 0.3235, 0.3420



60.1041, 0.3483, 0.3142



20.4970, 0.3245, 0.3431



0.0000, 0.0000, 0.0000



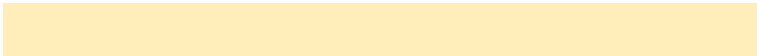
21.4041, 0.3127, 0.3290

Same Dimension

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



80.2420, 0.3503, 0.3727



85.8442, 0.3578, 0.3810



85.9703, 0.3376, 0.3881



18.5714, 0.3275, 0.3467



29.1108, 0.4717, 0.4637



2.7204, 0.4637, 0.4700

Inverse Universe

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



60.1024, 0.2751, 0.2811



60.5553, 0.2675, 0.2710



55.6657, 0.2837, 0.2664



16.5993, 0.2979, 0.3107



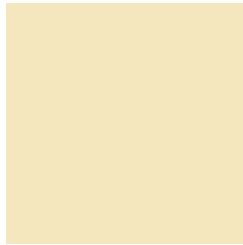
5.5451, 0.1580, 0.0887



0.6440, 0.1644, 0.1119

Previews

White Background



This preview shows how the Yxy color 80.2384, 0.3503, 0.3727 looks on a white background.

Color Contrast Check

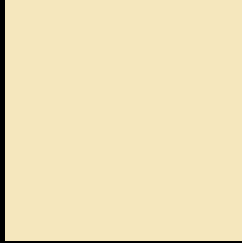
Large Text (above 18pt) WCAG AA × Fail

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 80.2384, 0.3503, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

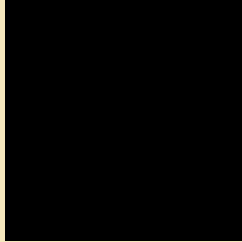
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

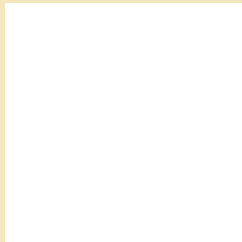
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.2384, 0.3503, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 80.2384, 0.3503, 0.3727.

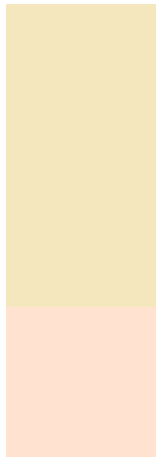


This preview shows how white text looks on a background with the Yxy color 80.2384, 0.3503, 0.3727.

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

80.2384, 0.3503, 0.3727

Protanopia

80.2384, 0.3503, 0.3727

Deuteranopia

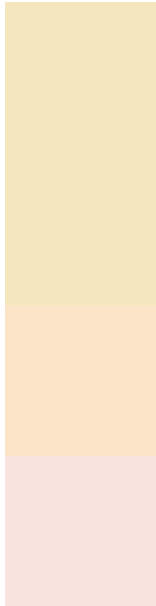
80.1577, 0.3463, 0.3483



Tritanopia

80.3576, 0.3212, 0.3122

Trichromacy



Original Color

80.2384, 0.3503, 0.3727

Protanomaly

80.2384, 0.3503, 0.3727

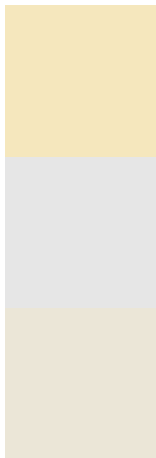
Deuteranomaly

80.1662, 0.3478, 0.3577

Tritanomaly

80.3518, 0.3315, 0.3341

Monochromacy



Original Color

80.2384, 0.3503, 0.3727

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.1621, 0.3259, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2384, 0.3503, 0.3727 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 189) }
```

Border

The CSS property to change the border of an element to Yxy 80.2384, 0.3503, 0.3727 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, 189) }
```

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

```
.border{ border-color:rgb(245, 231, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2384, 0.3503, 0.3727 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, 189) }
```

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

```
.background{ background-color: rgb(245,  
231, 189) }
```

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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