

Converting Colors

$Yxy(80.8636, 0.3565, 0.3810)$

Have a look what the booklet for
Yxy(80.8636, 0.3565, 0.3810)
contains.

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Color

Yxy(80.8648, 0.3562, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	F7E8B6
RGB	247, 232, 182
RGB Percent	97%, 91%, 71%
CMY	0.0313, 0.0902, 0.2862
CMYK	0.00, 0.06, 0.26, 0.03
HSL	46°, 80%, 84%
HSV	46°, 26%, 97%
XYZ	75.6607, 80.8648, 55.8853
YIQ	230.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

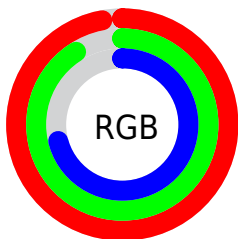
Format	Color
R _Y B	202, 247, 182
Decimal	16246966
CIE Lab	92.07, -2.43, 26.20
CIE LCh	92, 26.312, 95.309
Yxy	80.8648, 0.3562, 0.3807
Android (android.graphics.Color)	4294437046 (0xFFF7E8B6)
YUV	230.7850, -24.0510, 14.2206
Hunter-Lab	89.9249, -7.1827, 26.1007

Details

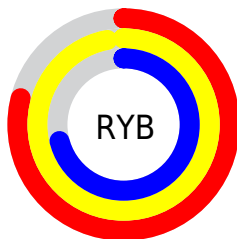
The Yxy color **80.8648, 0.3562, 0.3807** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.6051, 0.2687, 0.2713**, and the grayscale version is **79.9148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **43.5828, 0.3658, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **76.7770, 0.3745, 0.4007**, and if you desaturate by 10%, it is **85.2443, 0.3387, 0.3606**.

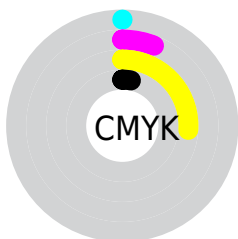
Distribution



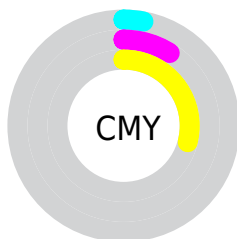
- Red (97%)
- Green (91%)
- Blue (71%)



- Red (79%)
- Yellow (97%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8648, 0.3562, 0.3807 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 80.8648, 0.3562, 0.3807 by changing the saturation by 10% instead.


 80.8648, 0.3562,
0.3807

 80.8648, 0.3562,
0.3807


497.8425, 0.3366,
0.3572

 60.4303, 0.3605,
0.3859


 134.5809, 0.3495,
0.3727

 43.7655, 0.3657,
0.3923

168.6313, 0.3469,
0.3695

 30.4862, 0.3722,
0.4002


207.9890, 0.3446,
0.3668

 20.2079, 0.3803,
0.4103

253.0386, 0.3426,
0.3644

 12.5463, 0.3909,
0.4235

304.1643, 0.3409,
0.3623

 7.1169, 0.4049,
0.4414

361.7506, 0.3393,

 3.5353, 0.4240,

0.3604

426.1819, 0.3379,
0.3587

0.4666

■ 1.4172, 0.4721,
0.5279

■ 0.2293, 0.4087,
0.5913

■ 80.8648, 0.3562,
0.3807

■ 80.8648, 0.3562,
0.3807

■ 76.7770, 0.3745,
0.4007

■ 85.2443, 0.3387,
0.3606

■ 72.9593, 0.3931,
0.4198

■ 89.9141, 0.3224,
0.3410

■ 69.4043, 0.4113,
0.4369

■ 94.8148, 0.3080,
0.3233

■ 66.0993, 0.4284,
0.4510

■ 98.3957, 0.3078,
0.3288

63.0305, 0.4434,
0.4611

98.5153, 0.3078,
0.3290

60.1816, 0.4558,
0.4666

57.5328, 0.4651,
0.4671

56.5949, 0.4680,
0.4666

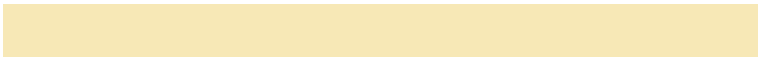
Harmonies

Analogous

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



80.8648, 0.3719, 0.3649



80.8648, 0.3562, 0.3807



80.8648, 0.3291, 0.3825

Triad

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



80.8648, 0.3562, 0.3807



80.8648, 0.2576, 0.3122



80.8648, 0.3251, 0.2943

Complementary

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



80.8648, 0.3562, 0.3807



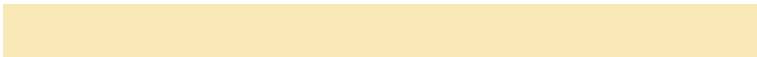
56.6051, 0.2687, 0.2713

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.



80.8648, 0.2943, 0.2811



80.8648, 0.3562, 0.3807



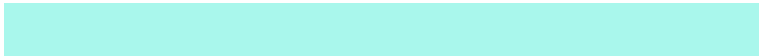
80.8648, 0.2565, 0.2900

Square

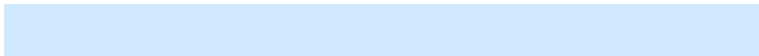
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8648, 0.3562, 0.3807



80.8648, 0.2726, 0.3412



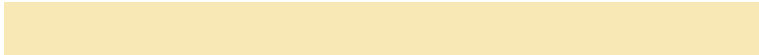
80.8648, 0.2696, 0.2792



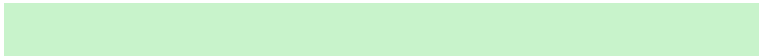
80.8648, 0.3537, 0.3158

Rectangle

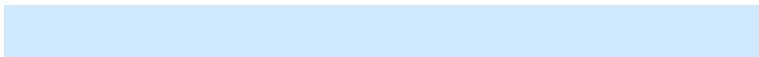
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8648, 0.3562, 0.3807



80.8648, 0.3085, 0.3744



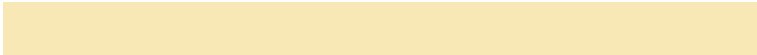
80.8648, 0.2696, 0.2792



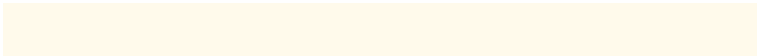
80.8648, 0.3146, 0.2888

Sweetspot

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



80.8685, 0.3562, 0.3807



95.7870, 0.3251, 0.3442



57.2781, 0.3562, 0.3130



20.3378, 0.3275, 0.3472



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

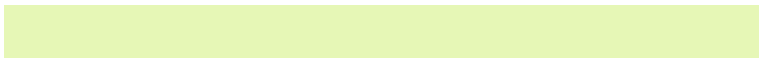
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8685, 0.3562, 0.3807



84.3769, 0.3666, 0.3923



86.6729, 0.3405, 0.3976



18.6269, 0.3274, 0.3471



30.1557, 0.4670, 0.4674



2.8043, 0.4598, 0.4731

Inverse Universe

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



56.6051, 0.2687, 0.2713



53.9538, 0.2580, 0.2564



52.3688, 0.2794, 0.2559



16.5474, 0.2979, 0.3102



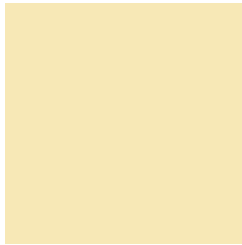
5.2774, 0.1570, 0.0850



0.6140, 0.1632, 0.1076

Previews

White Background



This preview shows how the Yxy color 80.8648, 0.3562, 0.3807 looks on a white background.

Color Contrast Check

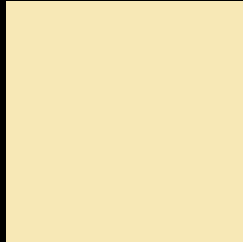
Large Text (above 18pt) WCAG AA × Fail

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 80.8648, 0.3562, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

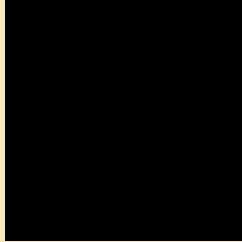
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.8648, 0.3562, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 80.8648, 0.3562, 0.3807.



This preview shows how white text looks on a background with the Yxy color 80.8648, 0.3562, 0.3807.

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

80.8648, 0.3562, 0.3807

Protanopia

80.8648, 0.3562, 0.3807

Deuteranopia

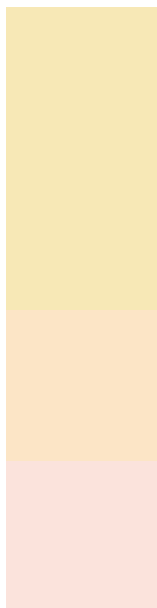
80.7032, 0.3461, 0.3493



Tritanopia

80.7330, 0.3226, 0.3123

Trichromacy



Original Color

80.8648, 0.3562, 0.3807

Protanomaly

80.8648, 0.3562, 0.3807

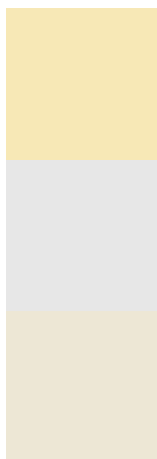
Deuteranomaly

80.8113, 0.3497, 0.3607

Tritanomaly

80.6147, 0.3343, 0.3361

Monochromacy



Original Color

80.8648, 0.3562, 0.3807

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.9604, 0.3285, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8648, 0.3562, 0.3807 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(247, 232, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 182)  
}
```

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(247, 232, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 182) }
```

Border

The CSS property to change the border of an element to Yxy 80.8648, 0.3562, 0.3807 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(247, 232, 182) }
```

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

```
.border{ border-color:rgb(247, 232, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 232, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8648, 0.3562, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 182) }
```

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

```
.background{ background-color: rgb(247,  
232, 182) }
```

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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