

Converting Colors

$Yxy(82.3383, 0.3603, 0.3896)$

Have a look what the booklet for
Yxy(82.3383, 0.3603, 0.3896)
contains.

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Color

Yxy(82.5077, 0.3601, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	F8EBB0
RGB	248, 235, 176
RGB Percent	97%, 92%, 69%
CMY	0.0277, 0.0783, 0.3099
CMYK	0.00, 0.05, 0.29, 0.03
HSL	49°, 84%, 83%
HSV	49°, 29%, 97%
XYZ	76.2408, 82.5077, 52.9726
YIQ	232.1610, 26.6870, -15.5930

Conversions

Conversions Part 2

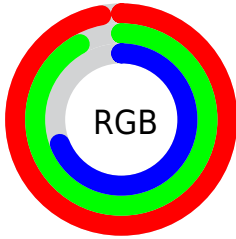
Format	Color
R _Y B	192, 248, 176
Decimal	16313264
CIE Lab	92.80, -4.39, 30.28
CIE LCh	93, 30.600, 98.243
Yxy	82.5077, 0.3601, 0.3897
Android (android.graphics.Color)	4294503344 (0xFFF8EBB0)
YUV	232.1610, -27.6874, 13.8908
Hunter-Lab	90.8337, -9.1362, 29.0068

Details

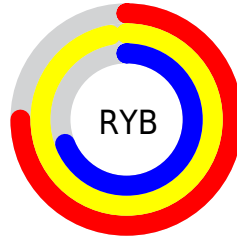
The Yxy color $82.5077, 0.3601, 0.3897$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $52.3576, 0.2632, 0.2599$, and the grayscale version is $81.0159, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6062, 0.3262, 0.3513$, and $44.7466, 0.3706, 0.4026$ is the 20% darker color. If you saturate the color by 10%, you get $79.0999, 0.3776, 0.4106$, and if you desaturate by 10%, it is $86.1661, 0.3429, 0.3684$.

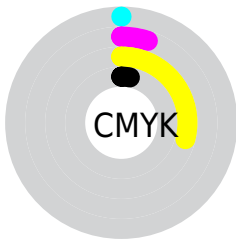
Distribution



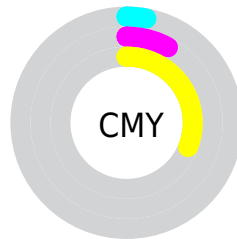
- Red (97%)
- Green (92%)
- Blue (69%)



- Red (75%)
- Yellow (97%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5077, 0.3601, 0.3897 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 82.5077, 0.3601, 0.3897 by changing the saturation by 10% instead.


 82.5077, 0.3601,
0.3897

 82.5077, 0.3601,
0.3897

503.3443, 0.3390,
0.3622

 61.7841, 0.3647,
0.3958


 136.8857, 0.3530,
0.3803

 44.8583, 0.3702,
0.4032


171.3090, 0.3501,
0.3766

 31.3458, 0.3769,
0.4124

211.0676, 0.3477,
0.3734

 20.8623, 0.3854,
0.4240

256.5459, 0.3455,
0.3706

 13.0234, 0.3960,
0.4391

308.1283, 0.3436,
0.3681

 7.4447, 0.4097,
0.4592

366.1993, 0.3419,

 3.7417, 0.4289,

0.3659

0.4887

431.1432, 0.3404,
0.3640

■ 1.5302, 0.4604,
0.5396

■ 0.3098, 0.3769,
0.6231

■ 82.5077, 0.3601,
0.3897

■ 82.5077, 0.3601,
0.3897

■ 79.0999, 0.3776,
0.4106

■ 86.1661, 0.3429,
0.3684

■ 75.9212, 0.3950,
0.4302

■ 90.0732, 0.3266,
0.3473

■ 72.9642, 0.4115,
0.4474

■ 94.2418, 0.3113,
0.3271

■ 70.2164, 0.4263,
0.4613

■ 97.3126, 0.3084,
0.3269

67.6639, 0.4387,
0.4709

98.6867, 0.3084,
0.3290

65.2900, 0.4484,
0.4758

63.0702, 0.4552,
0.4764

62.8586, 0.4558,
0.4763

Harmonies

Analogous

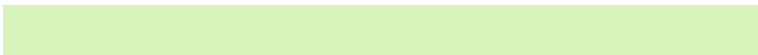
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5077, 0.3801, 0.3723



82.5077, 0.3601, 0.3897



82.5077, 0.3279, 0.3904

Triad

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



82.5077, 0.3601, 0.3897



82.5077, 0.2486, 0.3063



82.5077, 0.3304, 0.2913

Complementary

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



82.5077, 0.3601, 0.3897



52.3576, 0.2632, 0.2599

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.



82.5077, 0.2946, 0.2752



82.5077, 0.3601, 0.3897



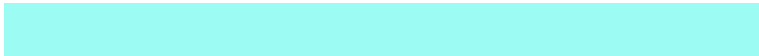
82.5077, 0.2491, 0.2820

Square

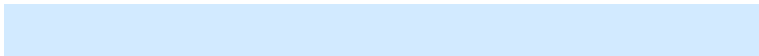
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5077, 0.3601, 0.3897



82.5077, 0.2642, 0.3396



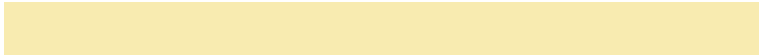
82.5077, 0.2654, 0.2715



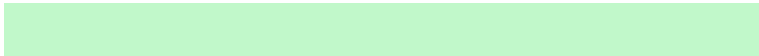
82.5077, 0.3628, 0.3164

Rectangle

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



82.5077, 0.3601, 0.3897



82.5077, 0.3042, 0.3798



82.5077, 0.2654, 0.2715



82.5077, 0.3183, 0.2848

Sweetspot

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



82.5114, 0.3601, 0.3897



96.0077, 0.3266, 0.3473



54.6733, 0.3654, 0.3150



20.4161, 0.3289, 0.3503



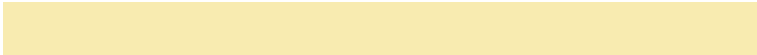
0.0000, 0.0000, 0.0000



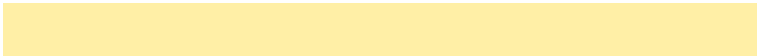
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5114, 0.3601, 0.3897



85.7214, 0.3707, 0.4024



86.2692, 0.3409, 0.4057



19.6294, 0.3273, 0.3483



34.1617, 0.4551, 0.4769



3.2977, 0.4500, 0.4809

Inverse Universe

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



52.3576, 0.2632, 0.2599



48.6645, 0.2515, 0.2428



49.9298, 0.2779, 0.2480



17.1469, 0.2979, 0.3089



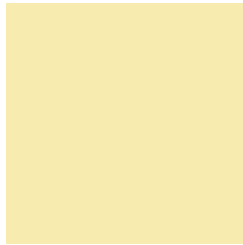
4.7986, 0.1545, 0.0763



0.5782, 0.1599, 0.0956

Previews

White Background



This preview shows how the Yxy color 82.5077, 0.3601, 0.3897 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 82.5077, 0.3601, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

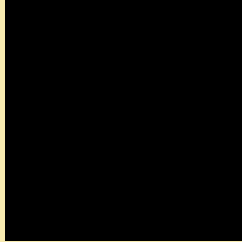
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5077, 0.3601, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 82.5077, 0.3601, 0.3897.

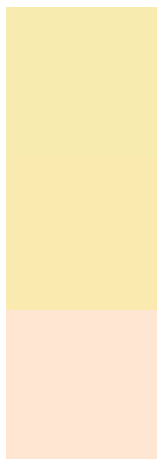


This preview shows how white text looks on a background with the Yxy color 82.5077, 0.3601, 0.3897.

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

82.5077, 0.3601, 0.3897

Protanopia

82.4895, 0.3626, 0.3882

Deuteranopia

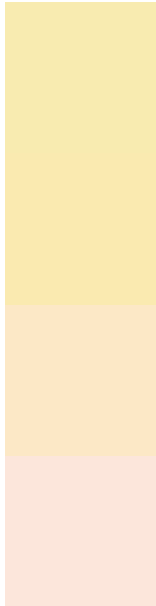
82.5068, 0.3435, 0.3492



Tritanopia

82.6692, 0.3217, 0.3133

Trichromacy



Original Color

82.5077, 0.3601, 0.3897

Protanomaly

82.3042, 0.3619, 0.3884

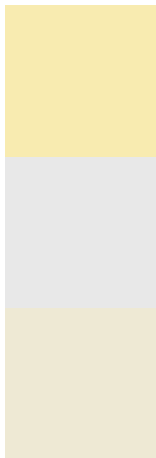
Deuteranomaly

82.4859, 0.3491, 0.3636

Tritanomaly

82.4035, 0.3353, 0.3401

Monochromacy



Original Color

82.5077, 0.3601, 0.3897

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.2084, 0.3296, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5077, 0.3601, 0.3897 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(248, 235, 176)` looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 176)  
}
```

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(248, 235, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 176) }
```

Border

The CSS property to change the border of an element to Yxy 82.5077, 0.3601, 0.3897 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(248, 235, 176) }
```

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

```
.border{ border-color:rgb(248, 235, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 235, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 235, 176); box-shadow:4px 4px 4px 4px rgb(248, 235, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5077, 0.3601, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 176) }
```

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

```
.background{ background-color: rgb(248,  
235, 176) }
```

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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