

Converting Colors

$Yxy(82.5609, 0.3717, 0.3903)$

Have a look what the booklet for
Yxy(82.5609, 0.3717, 0.3903)
contains.

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Color

Yxy(81.9135, 0.3695, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8AB
RGB	255, 232, 171
RGB Percent	100%, 91%, 67%
CMY	0.0000, 0.0902, 0.3295
CMYK	0.00, 0.09, 0.33, 0.00
HSL	44°, 100%, 84%
HSV	44°, 33%, 100%
XYZ	77.4489, 81.9135, 50.2422
YIQ	231.9230, 33.2890, -14.0950

Conversions

Conversions Part 2

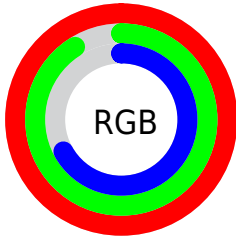
Format	Color
R _Y B	203, 255, 171
Decimal	16771243
CIE Lab	92.54, -0.82, 32.58
CIE LCh	93, 32.593, 91.437
Yxy	81.9135, 0.3695, 0.3908
Android (android.graphics.Color)	4294961323 (0xFFFFE8AB)
YUV	231.9230, -30.0350, 20.2385
Hunter-Lab	90.5061, -5.6375, 30.4409

Details

The Yxy color **81.9135, 0.3695, 0.3908** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.4446, 0.2567, 0.2582**, and the grayscale version is **80.8442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **44.6226, 0.3814, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **77.1829, 0.3889, 0.4094**, and if you desaturate by 10%, it is **86.9898, 0.3508, 0.3716**.

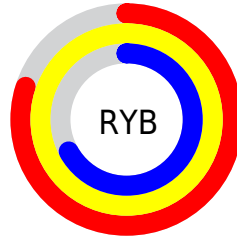
Distribution



Red (100%)

Green (91%)

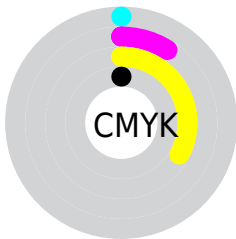
Blue (67%)



Red (80%)

Yellow (100%)

Blue (67%)

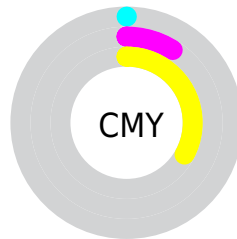


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9135, 0.3695, 0.3908 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 81.9135, 0.3695, 0.3908 by changing the saturation by 10% instead.


 81.9135, 0.3695,
0.3908

 81.9135, 0.3695,
0.3908


501.3583, 0.3441,
0.3631

 61.2942, 0.3750,
0.3969

 136.0527, 0.3609,
0.3814

 44.4627, 0.3817,
0.4042

170.3414, 0.3575,
0.3777

 31.0344, 0.3899,
0.4132


209.9554, 0.3545,
0.3744

 20.6250, 0.4000,
0.4244

255.2791, 0.3519,
0.3716

 12.8502, 0.4130,
0.4387

306.6968, 0.3496,
0.3691

 7.3255, 0.4295,
0.4572

364.5930, 0.3476,

 3.6665, 0.4555,

0.3669

0.4864

429.3520, 0.3457,
0.3649

■ 1.4888, 0.4823,
0.5177

■ 0.2808, 0.4679,
0.5321

■ 81.9135, 0.3695,
0.3908

■ 81.9135, 0.3695,
0.3908

■ 77.1829, 0.3889,
0.4094

■ 86.9898, 0.3508,
0.3716

■ 72.7822, 0.4086,
0.4266

■ 92.4204, 0.3333,
0.3526

■ 68.6987, 0.4276,
0.4411

■ 98.2173, 0.3172,
0.3342

■ 64.9172, 0.4451,
0.4520

100.0000, 0.3127,
0.3290

■ 61.4204, 0.4602,
0.4583

■ 58.1874, 0.4722,
0.4595

■ 56.0469, 0.4790,
0.4579

Harmonies

Analogous

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



81.9135, 0.3869, 0.3690



81.9135, 0.3695, 0.3908



81.9135, 0.3372, 0.3964

Triad

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



81.9135, 0.3695, 0.3908



81.9135, 0.2468, 0.3121



81.9135, 0.3227, 0.2841

Complementary

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



81.9135, 0.3695, 0.3908



54.4446, 0.2567, 0.2582

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.



81.9135, 0.2853, 0.2697



81.9135, 0.3695, 0.3908



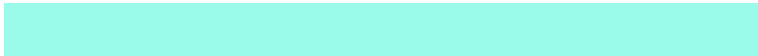
81.9135, 0.2434, 0.2835

Square

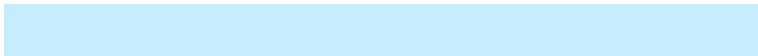
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9135, 0.3695, 0.3908



81.9135, 0.2668, 0.3486



81.9135, 0.2570, 0.2690



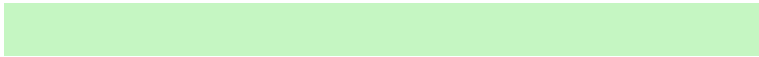
81.9135, 0.3593, 0.3088

Rectangle

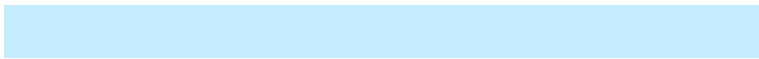
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9135, 0.3695, 0.3908



81.9135, 0.3121, 0.3884



81.9135, 0.2570, 0.2690



81.9135, 0.3097, 0.2779

Sweetspot

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



81.9145, 0.3695, 0.3908



94.0930, 0.3284, 0.3471



54.3057, 0.3677, 0.3043



19.9685, 0.3307, 0.3497



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

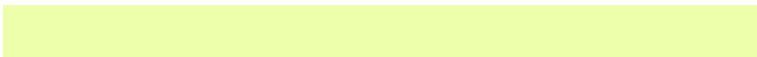
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9145, 0.3695, 0.3908



78.5446, 0.3831, 0.4040



92.4283, 0.3502, 0.4151



20.2005, 0.3276, 0.3462



29.5478, 0.4778, 0.4588



3.0594, 0.4696, 0.4654

Inverse Universe

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



54.4446, 0.2567, 0.2582



47.0055, 0.2435, 0.2400



47.1772, 0.2659, 0.2339



18.1866, 0.2979, 0.3112



6.2591, 0.1593, 0.0934



0.7822, 0.1652, 0.1148

Previews

White Background



This preview shows how the Yxy color 81.9135, 0.3695, 0.3908 looks on a white background.

Color Contrast Check

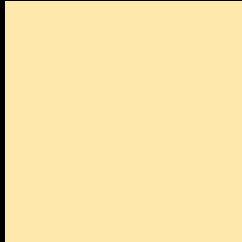
Large Text (above 18pt) WCAG AA × Fail

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 81.9135, 0.3695, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

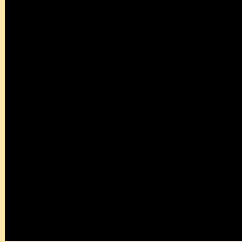
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.9135, 0.3695, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 81.9135, 0.3695, 0.3908.



This preview shows how white text looks on a background with the Yxy color 81.9135, 0.3695, 0.3908.

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

81.9135, 0.3695, 0.3908

Protanopia

81.7656, 0.3655, 0.3914

Deuteranopia

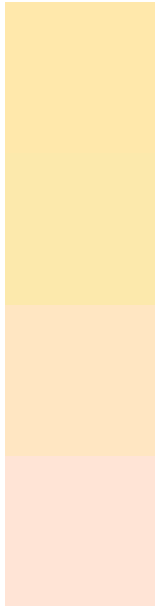
81.8036, 0.3457, 0.3512



Tritanopia

81.8258, 0.3251, 0.3172

Trichromacy



Original Color

81.9135, 0.3695, 0.3908

Protanomaly

81.9518, 0.3663, 0.3912

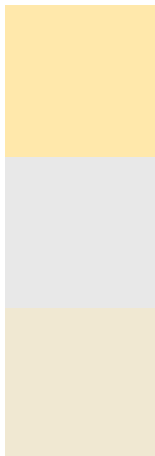
Deuteranomaly

81.7487, 0.3544, 0.3655

Tritanomaly

81.6018, 0.3411, 0.3431

Monochromacy



Original Color

81.9135, 0.3695, 0.3908

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.8916, 0.3325, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9135, 0.3695, 0.3908 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(255, 232, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 171)  
}
```

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(255, 232, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 171) }
```

Border

The CSS property to change the border of an element to Yxy 81.9135, 0.3695, 0.3908 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(255, 232, 171) }
```

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

```
.border{ border-color:rgb(255, 232, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9135, 0.3695, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 171) }
```

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

```
.background{ background-color: rgb(255,  
232, 171) }
```

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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