

Converting Colors

$Y_{xy}(81.4779, 0.3663, 0.3920)$

Have a look what the booklet for
Yxy(81.4779, 0.3663, 0.3920)
contains.

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Color

Yxy(81.7273, 0.3662, 0.3924)

Conversions

Conversions Part 1	
Format	Color
Hex	FBE9AB
RGB	251, 233, 171
RGB Percent	98%, 91%, 67%
CMY	0.0157, 0.0862, 0.3294
CMYK	0.00, 0.07, 0.32, 0.02
HSL	47°, 91%, 83%
HSV	47°, 32%, 98%
XYZ	76.2705, 81.7273, 50.2777
YIQ	231.3140, 30.6300, -15.4660

Conversions

Conversions Part 2

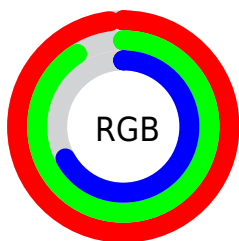
Format	Color
RYB	194, 251, 171
Decimal	16509355
CIELab	92.45, -2.84, 32.40
CIELCh	92, 32.529, 95.015
Yxy	81.7273, 0.3662, 0.3924
Android (android.graphics.Color)	4294699435 (0xFFFFBE9AB)
YUV	231.3140, -29.7348, 17.2646
Hunter-Lab	90.4032, -7.6103, 30.3081

Details

The Yxy color **81.7273, 0.3662, 0.3924** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.0059, 0.2582, 0.2563**, and the grayscale version is **80.3670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **44.0897, 0.3775, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **77.7192, 0.3846, 0.4121**, and if you desaturate by 10%, it is **86.0267, 0.3483, 0.3721**.

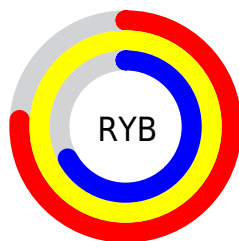
Distribution



Red (98%)

Green (91%)

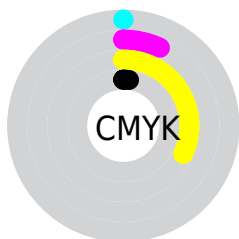
Blue (67%)



Red (76%)

Yellow (98%)

Blue (67%)

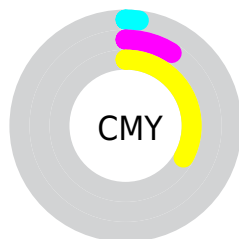


Cyan (0%)

Magenta (7%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (9%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.7273, 0.3662, 0.3924 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 81.7273, 0.3662, 0.3924 by changing the saturation by 10% instead.

 81.7273, 0.3662,
0.3924

 81.7273, 0.3662,
0.3924


500.7351, 0.3423,
0.3638

 61.1408, 0.3714,
0.3987


 135.7915, 0.3581,
0.3827

 44.3388, 0.3776,
0.4063


170.0380, 0.3549,
0.3788

 30.9369, 0.3852,
0.4157


209.6066, 0.3521,
0.3755

 20.5508, 0.3947,
0.4275

254.8817, 0.3497,
0.3726

 12.7961, 0.4067,
0.4427

306.2477, 0.3475,
0.3700

 7.2883, 0.4219,
0.4626


364.0890, 0.3456,


 3.6430, 0.4460,


0.3677

0.4942


428.7900, 0.3439,
0.3656

 1.4760, 0.4697,
0.5303


 0.2717, 0.4100,
0.5900


 81.7273, 0.3662,
0.3924


 81.7273, 0.3662,
0.3924


 77.7192, 0.3846,
0.4121


 86.0267, 0.3483,
0.3721

 73.9801, 0.4030,
0.4304


 90.6167, 0.3313,
0.3520


 70.5012, 0.4205,
0.4461


 95.5107, 0.3155,
0.3325

 67.2690, 0.4363,
0.4581

 99.2479, 0.3102,
0.3290

 64.2678, 0.4497,
0.4658

 61.4790, 0.4601,
0.4685

 59.3468, 0.4666,
0.4677

Harmonies

Analogous

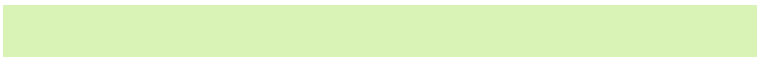
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7273, 0.3858, 0.3721



81.7273, 0.3662, 0.3924



81.7273, 0.3328, 0.3956

Triad

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



81.7273, 0.3662, 0.3924



81.7273, 0.2456, 0.3081



81.7273, 0.3273, 0.2866

Complementary

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



81.7273, 0.3662, 0.3924



52.0059, 0.2582, 0.2563

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.



81.7273, 0.2895, 0.2708



81.7273, 0.3662, 0.3924



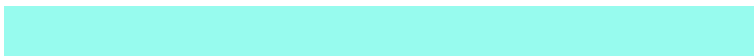
81.7273, 0.2442, 0.2810

Square

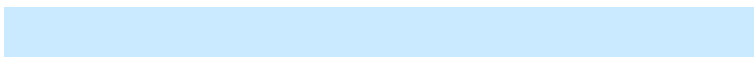
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7273, 0.3662, 0.3924



81.7273, 0.2637, 0.3442



81.7273, 0.2597, 0.2683



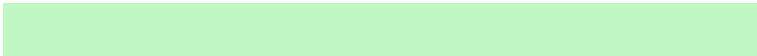
81.7273, 0.3629, 0.3123

Rectangle

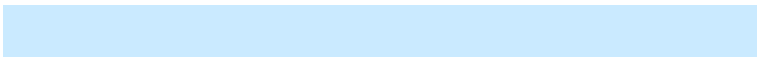
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7273, 0.3662, 0.3924



81.7273, 0.3076, 0.3859



81.7273, 0.2597, 0.2683



81.7273, 0.3144, 0.2801

Sweetspot

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



81.7310, 0.3662, 0.3924



94.8622, 0.3283, 0.3483



53.3332, 0.3689, 0.3094



20.1554, 0.3306, 0.3511



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

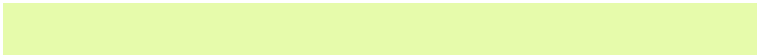
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7310, 0.3662, 0.3924



82.1334, 0.3775, 0.4047



88.6965, 0.3462, 0.4129



19.4900, 0.3274, 0.3473



31.4254, 0.4656, 0.4685



3.0671, 0.4590, 0.4738

Inverse Universe

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



52.0059, 0.2582, 0.2563



47.0942, 0.2464, 0.2394



47.3361, 0.2707, 0.2382



17.2758, 0.2979, 0.3100



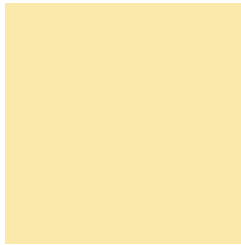
5.3468, 0.1566, 0.0838



0.6467, 0.1625, 0.1049

Previews

White Background



This preview shows how the Yxy color 81.7273, 0.3662, 0.3924 looks on a white background.

Color Contrast Check

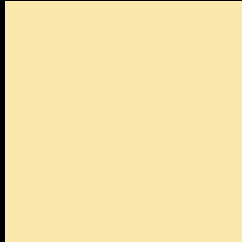
Large Text (above 18pt) WCAG AA × Fail

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 81.7273, 0.3662, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

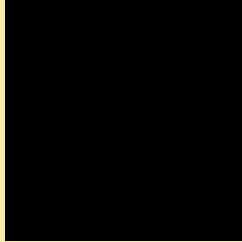
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.7273, 0.3662, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 81.7273, 0.3662, 0.3924.



This preview shows how white text looks on a background with the Yxy color 81.7273, 0.3662, 0.3924.

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

81.7273, 0.3662, 0.3924

Protanopia

81.7273, 0.3662, 0.3924

Deuteranopia

81.8036, 0.3457, 0.3512



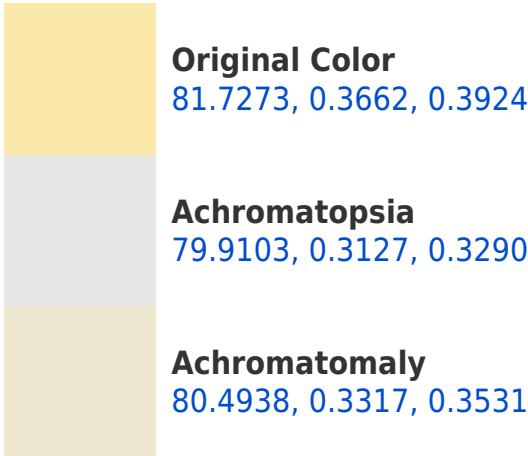
Tritanopia

81.4017, 0.3239, 0.3143

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7273, 0.3662, 0.3924 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(251, 233, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 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(251, 233, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 171) }
```

Border

The CSS property to change the border of an element to Yxy 81.7273, 0.3662, 0.3924 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(251, 233, 171) }
```

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

```
.border{ border-color:rgb(251, 233, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 233, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7273, 0.3662, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 171) }
```

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

```
.background{ background-color: rgb(251,  
233, 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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