

Converting Colors

$Y_{xy}(79.4596, 0.3682, 0.3920)$

Have a look what the booklet for
Yxy(79.4596, 0.3682, 0.3920)
contains.

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Color

Yxy(79.7448, 0.3684, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	FAE6A8
RGB	250, 230, 168
RGB Percent	98%, 90%, 66%
CMY	0.0195, 0.0980, 0.3413
CMYK	0.00, 0.08, 0.33, 0.02
HSL	45°, 89%, 82%
HSV	45°, 33%, 98%
XYZ	74.7912, 79.7448, 48.4803
YIQ	228.9120, 31.8220, -15.0420

Conversions

Conversions Part 2

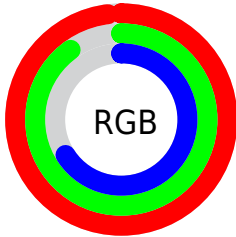
Format	Color
RYB	194, 250, 168
Decimal	16443048
CIELab	91.57, -2.06, 32.75
CIELCh	92, 32.810, 93.593
Yxy	79.7448, 0.3684, 0.3928
Android (android.graphics.Color)	4294633128 (0xFFFAE6A8)
YUV	228.9120, -30.0296, 18.4942
Hunter-Lab	89.2999, -6.7762, 30.3219

Details

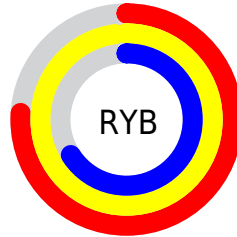
The Yxy color **79.7448, 0.3684, 0.3928** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.1844, 0.2567, 0.2557**, and the grayscale version is **78.4959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **43.1042, 0.3800, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **75.5691, 0.3872, 0.4120**, and if you desaturate by 10%, it is **84.2257, 0.3502, 0.3730**.

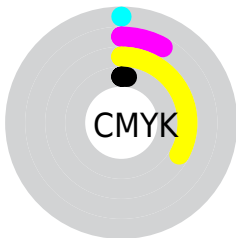
Distribution



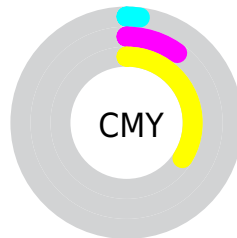
- Red (98%)
- Green (90%)
- Blue (66%)



- Red (76%)
- Yellow (98%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7448, 0.3684, 0.3928 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 79.7448, 0.3684, 0.3928 by changing the saturation by 10% instead.


 79.7448, 0.3684,
0.3928


 79.7448, 0.3684,
0.3928


494.0724, 0.3434,
0.3639

 59.5084, 0.3738,
0.3991

 133.0069, 0.3599,
0.3830

 43.0225, 0.3804,
0.4068


 166.8013, 0.3566,
0.3791

 29.9028, 0.3885,
0.4163


205.8839, 0.3537,
0.3757

 19.7648, 0.3985,
0.4283

250.6390, 0.3511,
0.3728

 12.2242, 0.4112,
0.4435

301.4510, 0.3489,
0.3702

 6.8966, 0.4273,
0.4633

358.7043, 0.3468,

 3.3975, 0.4560,

0.3679

0.4985

422.7833, 0.3450,
0.3658

■ 1.3426, 0.4742,
0.5258

■ 0.1738, 0.3982,
0.6018

■ 79.7448, 0.3684,
0.3928

■ 79.7448, 0.3684,
0.3928

■ 75.5691, 0.3872,
0.4120

■ 84.2257, 0.3502,
0.3730

■ 71.6762, 0.4060,
0.4297

■ 89.0115, 0.3329,
0.3533

■ 68.0572, 0.4240,
0.4448

■ 94.1158, 0.3170,
0.3342

■ 64.6980, 0.4404,
0.4562

■ 98.6839, 0.3097,
0.3284

61.5826, 0.4543,
0.4631

99.0672, 0.3096,
0.3290

58.6921, 0.4651,
0.4651

56.7348, 0.4713,
0.4640

Harmonies

Analogous

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



79.7448, 0.3875, 0.3715



79.7448, 0.3684, 0.3928



79.7448, 0.3348, 0.3971

Triad

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



79.7448, 0.3684, 0.3928



79.7448, 0.2450, 0.3093



79.7448, 0.3257, 0.2849

Complementary

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



79.7448, 0.3684, 0.3928



51.1844, 0.2567, 0.2557

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.



79.7448, 0.2874, 0.2695



79.7448, 0.3684, 0.3928



79.7448, 0.2428, 0.2812

Square

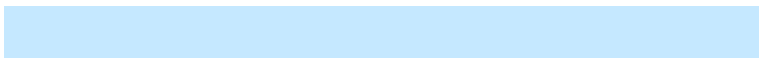
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7448, 0.3684, 0.3928



79.7448, 0.2642, 0.3462



79.7448, 0.2578, 0.2676



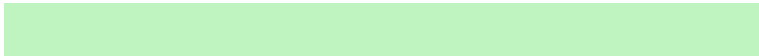
79.7448, 0.3623, 0.3106

Rectangle

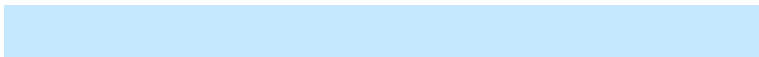
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7448, 0.3684, 0.3928



79.7448, 0.3092, 0.3879



79.7448, 0.2578, 0.2676



79.7448, 0.3125, 0.2784

Sweetspot

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



79.7484, 0.3684, 0.3928



94.5603, 0.3283, 0.3478



51.9729, 0.3699, 0.3073



20.0820, 0.3306, 0.3505



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

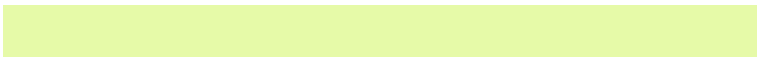
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7484, 0.3684, 0.3928



80.6517, 0.3801, 0.4049



87.9493, 0.3481, 0.4152



19.4312, 0.3275, 0.3468



30.3262, 0.4703, 0.4648



2.9737, 0.4629, 0.4707

Inverse Universe

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



51.1844, 0.2567, 0.2557



46.8088, 0.2448, 0.2390



45.6499, 0.2682, 0.2350



17.3306, 0.2979, 0.3105



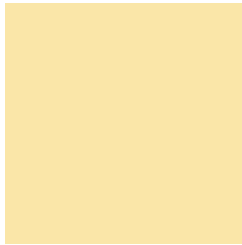
5.6175, 0.1576, 0.0874



0.6787, 0.1637, 0.1092

Previews

White Background



This preview shows how the Yxy color 79.7448, 0.3684, 0.3928 looks on a white background.

Color Contrast Check

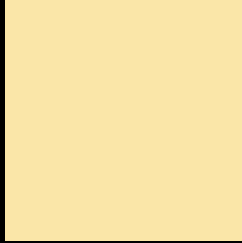
Large Text (above 18pt) WCAG AA × Fail

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 79.7448, 0.3684, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

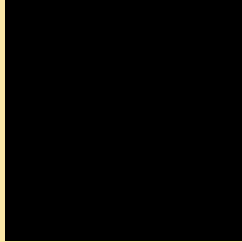
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.7448, 0.3684, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 79.7448, 0.3684, 0.3928.

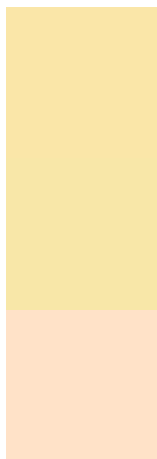


This preview shows how white text looks on a background with the Yxy color 79.7448, 0.3684, 0.3928.

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

79.7448, 0.3684, 0.3928

Protanopia

79.9354, 0.3666, 0.3941

Deuteranopia

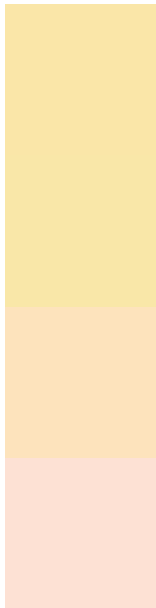
79.8228, 0.3512, 0.3554



Tritanopia

79.6170, 0.3262, 0.3142

Trichromacy



Original Color

79.7448, 0.3684, 0.3928

Protanomaly

80.1187, 0.3673, 0.3939

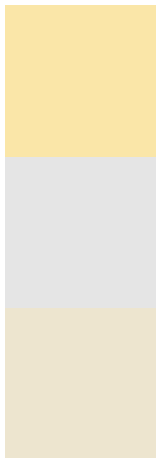
Deuteranomaly

79.4517, 0.3578, 0.3689

Tritanomaly

79.4865, 0.3415, 0.3422

Monochromacy



Original Color

79.7448, 0.3684, 0.3928

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5481, 0.3327, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7448, 0.3684, 0.3928 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(250, 230, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 168)  
}
```

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(250, 230, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 168) }
```

Border

The CSS property to change the border of an element to Yxy 79.7448, 0.3684, 0.3928 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(250, 230, 168) }
```

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

```
.border{ border-color:rgb(250, 230, 168) }
```

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

Here you see how a box with a 4 pixel rgb(250, 230, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7448, 0.3684, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 168) }
```

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

```
.background{ background-color: rgb(250,  
230, 168) }
```

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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