

Converting Colors

$Yxy(82.5983, 0.3498, 0.3721)$

Have a look what the booklet for
Yxy(82.5983, 0.3498, 0.3721)
contains.

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Color

Yxy(82.6079, 0.3498, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	F8EAC0
RGB	248, 234, 192
RGB Percent	97%, 92%, 75%
CMY	0.0274, 0.0824, 0.2469
CMYK	0.00, 0.06, 0.23, 0.03
HSL	45°, 80%, 86%
HSV	45°, 23%, 97%
XYZ	77.6572, 82.6079, 61.7395
YIQ	233.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

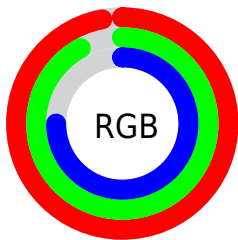
Format	Color
R _Y B	211, 248, 192
Decimal	16313024
CIE Lab	92.84, -1.72, 22.12
CIE LCh	93, 22.188, 94.439
Yxy	82.6079, 0.3498, 0.3721
Android (android.graphics.Color)	4294503104 (0xFFF8EAC0)
YUV	233.3980, -20.4092, 12.8060
Hunter-Lab	90.8889, -6.5418, 23.3474

Details

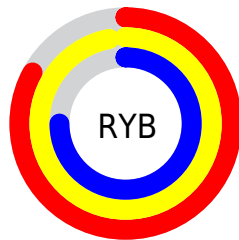
The Yxy color **82.6079, 0.3498, 0.3721** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.1606, 0.2756, 0.2818**, and the grayscale version is **81.9513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **44.7521, 0.3583, 0.3818** is the 20% darker color. If you saturate the color by 10%, you get **78.1270, 0.3681, 0.3918**, and if you desaturate by 10%, it is **87.4056, 0.3326, 0.3526**.

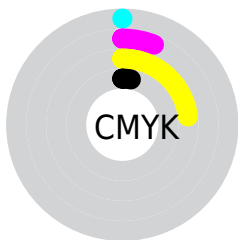
Distribution



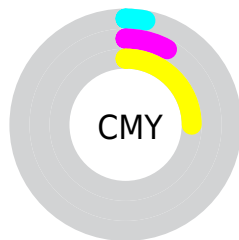
- Red (97%)
- Green (92%)
- Blue (75%)



- Red (83%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6079, 0.3498, 0.3721 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 82.6079, 0.3498, 0.3721 by changing the saturation by 10% instead.


 82.6079, 0.3498,
0.3721

 82.6079, 0.3498,
0.3721

503.6788, 0.3331,
0.3526

 61.8667, 0.3535,
0.3764


 137.0262, 0.3441,
0.3654

 44.9250, 0.3580,
0.3817


171.4720, 0.3419,
0.3628

 31.3984, 0.3635,
0.3883


211.2550, 0.3399,
0.3605

 20.9024, 0.3706,
0.3967

256.7593, 0.3382,
0.3585

 13.0527, 0.3798,
0.4078

308.3695, 0.3367,
0.3568

 7.4648, 0.3923,
0.4230

366.4698, 0.3354,

 3.7545, 0.4098,

0.3552

0.4447

431.4448, 0.3342,
0.3538

■ 1.5372, 0.4766,
0.5229

■ 0.3147, 0.4497,
0.5503

■ 82.6079, 0.3498,
0.3721

■ 82.6079, 0.3498,
0.3721

■ 78.1270, 0.3681,
0.3918

■ 87.4056, 0.3326,
0.3526

■ 73.9412, 0.3870,
0.4109

■ 92.5188, 0.3166,
0.3337

■ 70.0428, 0.4060,
0.4285

■ 97.2015, 0.3085,
0.3267

■ 66.4196, 0.4243,
0.4436

■ 98.7005, 0.3084,
0.3290

■ 63.0576, 0.4409,
0.4550

■ 59.9412, 0.4551,
0.4619

■ 57.0517, 0.4664,
0.4639

■ 55.0326, 0.4730,
0.4627

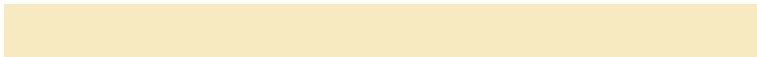
Harmonies

Analogous

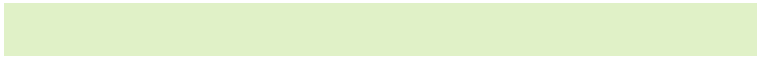
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6079, 0.3625, 0.3589



82.6079, 0.3498, 0.3721



82.6079, 0.3274, 0.3736

Triad

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



82.6079, 0.3498, 0.3721



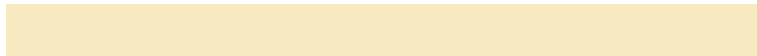
82.6079, 0.2665, 0.3159



82.6079, 0.3224, 0.2993

Complementary

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



82.6079, 0.3498, 0.3721



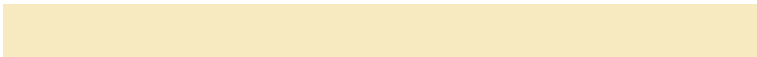
62.1606, 0.2756, 0.2818

Split Complementary

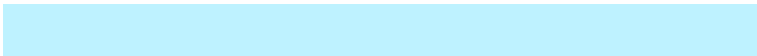
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6079, 0.2966, 0.2883



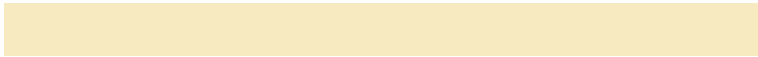
82.6079, 0.3498, 0.3721



82.6079, 0.2652, 0.2968

Square

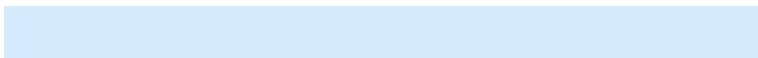
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6079, 0.3498, 0.3721



82.6079, 0.2796, 0.3400



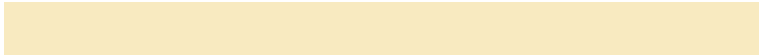
82.6079, 0.2760, 0.2872



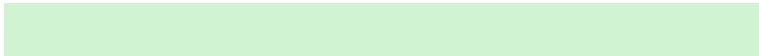
82.6079, 0.3464, 0.3174

Rectangle

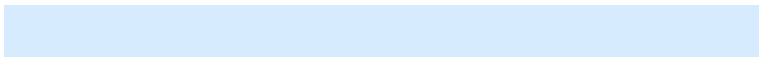
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6079, 0.3498, 0.3721



82.6079, 0.3102, 0.3671



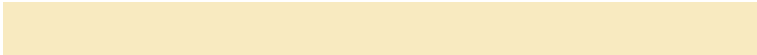
82.6079, 0.2760, 0.2872



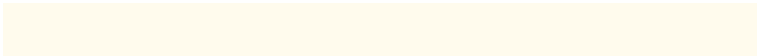
82.6079, 0.3137, 0.2947

Sweetspot

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



82.6116, 0.3498, 0.3721



96.0833, 0.3235, 0.3420



62.1778, 0.3470, 0.3134



20.4952, 0.3245, 0.3431



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.



82.6116, 0.3498, 0.3721



85.8167, 0.3579, 0.3809



88.6108, 0.3379, 0.3872



19.4111, 0.3275, 0.3467



29.9572, 0.4719, 0.4635



2.9422, 0.4642, 0.4696

Inverse Universe

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



62.1606, 0.2756, 0.2818



60.5777, 0.2675, 0.2710



57.4857, 0.2835, 0.2671



17.3494, 0.2979, 0.3107



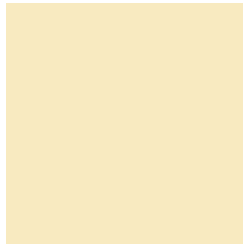
5.7158, 0.1580, 0.0887



0.6902, 0.1641, 0.1107

Previews

White Background



This preview shows how the Yxy color 82.6079, 0.3498, 0.3721 looks on a white background.

Color Contrast Check

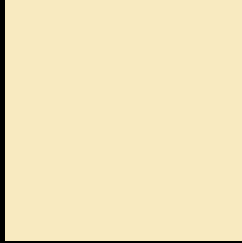
Large Text (above 18pt) WCAG AA × Fail

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 82.6079, 0.3498, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

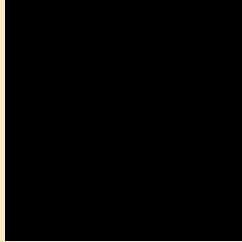
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6079, 0.3498, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 82.6079, 0.3498, 0.3721.

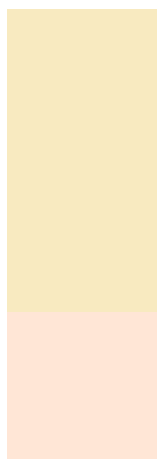


This preview shows how white text looks on a background with the Yxy color 82.6079, 0.3498, 0.3721.

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

82.6079, 0.3498, 0.3721

Protanopia

82.6079, 0.3498, 0.3721

Deuteranopia

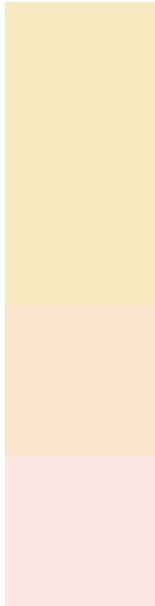
82.7087, 0.3408, 0.3451



Tritanopia

82.7298, 0.3211, 0.3124

Trichromacy



Original Color

82.6079, 0.3498, 0.3721

Protanomaly

82.6079, 0.3498, 0.3721

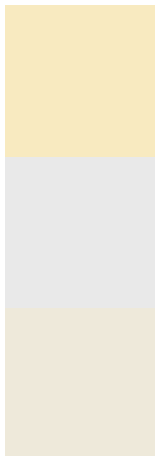
Deuteranomaly

82.3035, 0.3439, 0.3544

Tritanomaly

82.7253, 0.3313, 0.3341

Monochromacy



Original Color

82.6079, 0.3498, 0.3721

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.5169, 0.3257, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6079, 0.3498, 0.3721 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, 234, 192)` looks like.

```
.text, #text, p{  
    color:rgb(248, 234, 192)  
}
```

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, 234, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 192) }
```

Border

The CSS property to change the border of an element to Yxy 82.6079, 0.3498, 0.3721 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, 234, 192) }
```

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

```
.border{ border-color:rgb(248, 234, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 234, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 192);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6079, 0.3498, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 234, 192) }
```

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

```
.background{ background-color: rgb(248,  
234, 192) }
```

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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