

Converting Colors

$Yxy(81.9791, 0.3666, 0.4045)$

Have a look what the booklet for
Yxy(81.9791, 0.3666, 0.4045)
contains.

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Color

Yxy(82.0477, 0.3660, 0.4044)

Conversions

Conversions Part 1

Format	Color
Hex	F5ECA3
RGB	245, 236, 163
RGB Percent	96%, 93%, 64%
CMY	0.0393, 0.0745, 0.3607
CMYK	0.00, 0.04, 0.33, 0.04
HSL	53°, 80%, 80%
HSV	53°, 33%, 96%
XYZ	74.2568, 82.0477, 46.5830
YIQ	230.3690, 28.7970, -20.7950

Conversions

Conversions Part 2

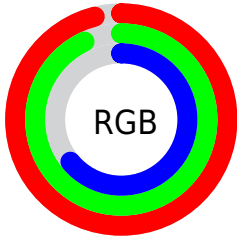
Format	Color
RYB	173, 245, 163
Decimal	16116899
CIELab	92.60, -7.58, 36.53
CIELCh	93, 37.310, 101.720
Yxy	82.0477, 0.3660, 0.4044
Android (android.graphics.Color)	4294306979 (0xFFFF5ECA3)
YUV	230.3690, -33.2129, 12.8314
Hunter-Lab	90.5802, -12.1826, 32.9149

Details

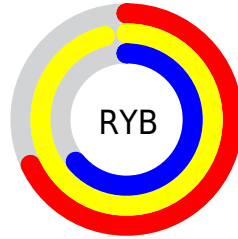
The Yxy color **82.0477, 0.3660, 0.4044** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **43.8779, 0.2537, 0.2403**, and the grayscale version is **79.6540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **44.4597, 0.3777, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **79.7257, 0.3822, 0.4261**, and if you desaturate by 10%, it is **84.5703, 0.3495, 0.3817**.

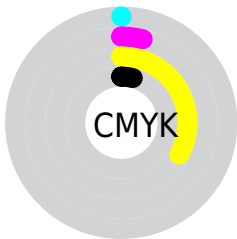
Distribution



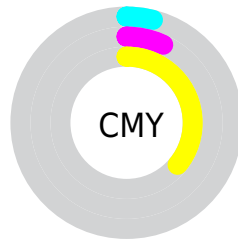
- Red (96%)
- Green (93%)
- Blue (64%)



- Red (68%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (4%)




- Cyan (4%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0477, 0.3660, 0.4044 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 82.0477, 0.3660, 0.4044 by changing the saturation by 10% instead.


 82.0477, 0.3660,
0.4044


 82.0477, 0.3660,
0.4044


501.8072, 0.3426,
0.3701

 61.4049, 0.3710,
0.4120


 136.2409, 0.3582,
0.3927

 44.5520, 0.3769,
0.4211


 170.5600, 0.3550,
0.3881

 31.1047, 0.3841,
0.4325


210.2067, 0.3523,
0.3841

 20.6786, 0.3928,
0.4467

255.5653, 0.3499,
0.3806

 12.8893, 0.4033,
0.4650

307.0203, 0.3477,
0.3775

 7.3523, 0.4159,
0.4887

364.9560, 0.3458,

 3.6834, 0.4413,

0.3748

0.5341

429.7569, 0.3441,
0.3723

■ 1.4981, 0.4400,
0.5600

■ 0.2874, 0.2347,
0.7653

■ 82.0477, 0.3660,
0.4044

■ 82.0477, 0.3660,
0.4044

■ 79.7257, 0.3822,
0.4261

■ 84.5703, 0.3495,
0.3817

■ 77.5833, 0.3975,
0.4459


■ 87.2916, 0.3334,
0.3588


■ 75.6132, 0.4112,
0.4626


■ 90.2238, 0.3179,
0.3365


■ 73.8030, 0.4227,
0.4755


■ 92.9816, 0.3068,
0.3209

 72.1385, 0.4316,
0.4840

 94.6290, 0.3067,
0.3235

 70.6026, 0.4376,
0.4879

 96.3000, 0.3066,
0.3262

 69.6497, 0.4403,
0.4886

 97.9947, 0.3066,
0.3288

 98.1475, 0.3066,
0.3290

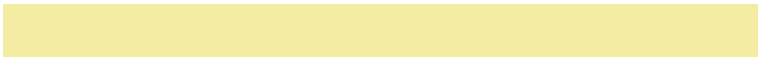
Harmonies

Analogous

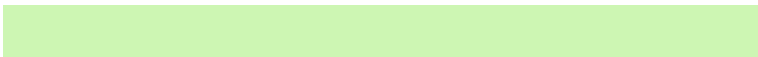
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0477, 0.3931, 0.3840



82.0477, 0.3660, 0.4044



82.0477, 0.3256, 0.4034

Triad

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



82.0477, 0.3660, 0.4044



82.0477, 0.2344, 0.2965



82.0477, 0.3391, 0.2866

Complementary

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



82.0477, 0.3660, 0.4044



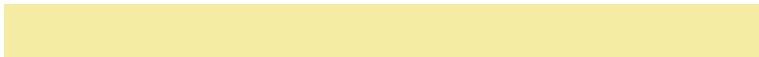
43.8779, 0.2537, 0.2403

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.



82.0477, 0.2952, 0.2659



82.0477, 0.3660, 0.4044



82.0477, 0.2373, 0.2694

Square

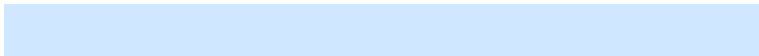
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0477, 0.3660, 0.4044



82.0477, 0.2507, 0.3366



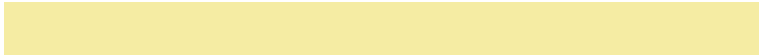
82.0477, 0.2587, 0.2593



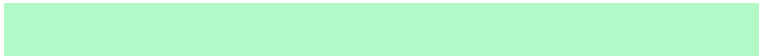
82.0477, 0.3777, 0.3172

Rectangle

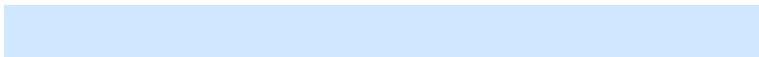
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0477, 0.3660, 0.4044



82.0477, 0.2970, 0.3887



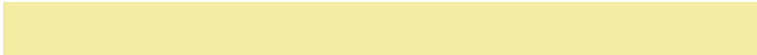
82.0477, 0.2587, 0.2593



82.0477, 0.3243, 0.2784

Sweetspot

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



82.0514, 0.3660, 0.4044



96.6993, 0.3280, 0.3511



48.6111, 0.3820, 0.3188



20.6024, 0.3302, 0.3543



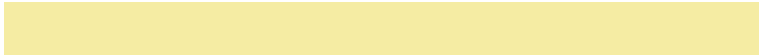
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

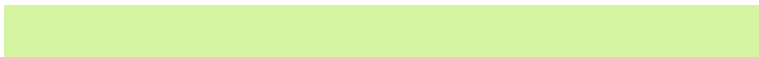
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0514, 0.3660, 0.4044



88.1705, 0.3768, 0.4190



82.1632, 0.3411, 0.4192



18.9859, 0.3271, 0.3499



37.6575, 0.4399, 0.4889



3.3964, 0.4370, 0.4912

Inverse Universe

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



43.8779, 0.2537, 0.2403



40.5973, 0.2402, 0.2192



44.3206, 0.2756, 0.2352



16.2182, 0.2979, 0.3072



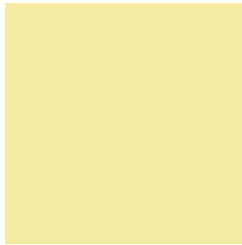
4.0643, 0.1522, 0.0677



0.4513, 0.1564, 0.0831

Previews

White Background



This preview shows how the Yxy color 82.0477, 0.3660, 0.4044 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 82.0477, 0.3660, 0.4044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

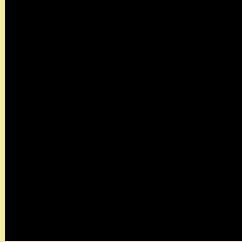
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.0477, 0.3660, 0.4044

Background



This preview shows how black text looks on a background with the Yxy color 82.0477, 0.3660, 0.4044.



This preview shows how white text looks on a background with the Yxy color 82.0477, 0.3660, 0.4044.

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

82.0477, 0.3660, 0.4044

Protanopia

82.1497, 0.3725, 0.4022

Deuteranopia

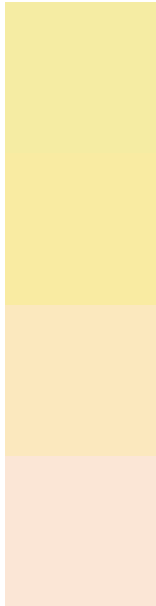
81.7549, 0.3464, 0.3523



Tritanopia

81.9346, 0.3211, 0.3123

Trichromacy



Original Color

82.0477, 0.3660, 0.4044

Protanomaly

82.1650, 0.3699, 0.4037

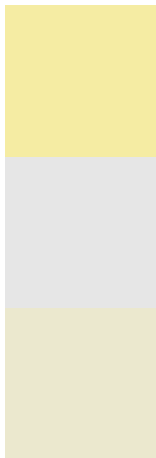
Deuteranomaly

81.9402, 0.3538, 0.3720

Tritanomaly

81.9579, 0.3379, 0.3453

Monochromacy



Original Color

82.0477, 0.3660, 0.4044

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.8316, 0.3315, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0477, 0.3660, 0.4044 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(245, 236, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 163)  
}
```

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(245, 236, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 163) }
```

Border

The CSS property to change the border of an element to Yxy 82.0477, 0.3660, 0.4044 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(245, 236, 163) }
```

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

```
.border{ border-color:rgb(245, 236, 163) }
```

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

Here you see how a box with a 4 pixel rgb(245, 236, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0477, 0.3660, 0.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 163) }
```

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

```
.background{ background-color: rgb(245,  
236, 163) }
```

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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