

Converting Colors

$Yxy(85.6209, 0.3718, 0.3692)$

Have a look what the booklet for
Yxy(85.6209, 0.3718, 0.3692)
contains.

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Color

Yxy(82.0860, 0.3576, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7BD
RGB	255, 231, 189
RGB Percent	100%, 91%, 74%
CMY	0.0001, 0.0941, 0.2589
CMYK	0.00, 0.09, 0.26, 0.00
HSL	38°, 100%, 87%
HSV	38°, 26%, 100%
XYZ	78.9934, 82.0860, 59.8194
YIQ	233.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

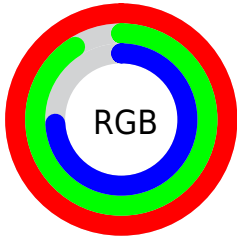
Format	Color
R _Y B	227, 255, 189
Decimal	16771005
CIE Lab	92.61, 1.94, 23.46
CIE LCh	93, 23.540, 85.277
Yxy	82.0860, 0.3576, 0.3716
Android (android.graphics.Color)	4294961085 (0xFFFFE7BD)
YUV	233.3880, -21.8833, 18.9537
Hunter-Lab	90.6013, -2.9219, 24.2748

Details

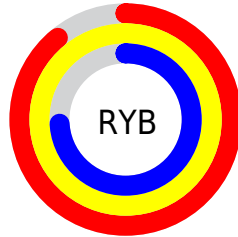
The Yxy color **82.0860, 0.3576, 0.3716** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.6002, 0.2703, 0.2823**, and the grayscale version is **81.9453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **44.8057, 0.3682, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **76.0312, 0.3780, 0.3886**, and if you desaturate by 10%, it is **88.6171, 0.3389, 0.3546**.

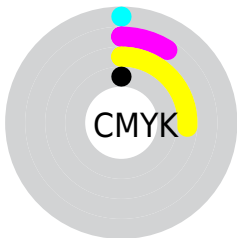
Distribution



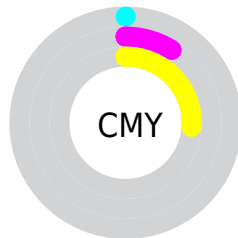
- Red (100%)
- Green (91%)
- Blue (74%)



- Red (89%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0860, 0.3576, 0.3716 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 82.0860, 0.3576, 0.3716 by changing the saturation by 10% instead.


 82.0860, 0.3576,
0.3716

 82.0860, 0.3576,
0.3716


501.9353, 0.3373,
0.3525

 61.4364, 0.3621,
0.3758


 136.2946, 0.3507,
0.3651

 44.5775, 0.3676,
0.3809

170.6224, 0.3479,
0.3625

 31.1247, 0.3744,
0.3872


210.2784, 0.3456,
0.3603

 20.6939, 0.3831,
0.3952

255.6470, 0.3435,
0.3584

 12.9004, 0.3945,
0.4056

307.1126, 0.3417,
0.3566

 7.3600, 0.4099,
0.4195

365.0596, 0.3401,

 3.6882, 0.4316,

0.3551

0.4386

429.8724, 0.3386,
0.3537

■ 1.5007, 0.4990,
0.5010

■ 0.2893, 0.5270,
0.4730

■ 82.0860, 0.3576,
0.3716

■ 82.0860, 0.3576,
0.3716

■ 76.0312, 0.3780,
0.3886

■ 88.6171, 0.3389,
0.3546

■ 70.4270, 0.3996,
0.4050

■ 95.6269, 0.3219,
0.3382

■ 65.2619, 0.4219,
0.4198

99.9952, 0.3127,
0.3290

■ 60.5191, 0.4440,
0.4317

■ 56.1801, 0.4648,
0.4397

■ 52.2241, 0.4830,
0.4428

■ 48.6261, 0.4979,
0.4405

■ 47.2338, 0.5034,
0.4385

Harmonies

Analogous

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



82.0860, 0.3669, 0.3547



82.0860, 0.3576, 0.3716



82.0860, 0.3362, 0.3775

Triad

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



82.0860, 0.3576, 0.3716



82.0860, 0.2666, 0.3225



82.0860, 0.3144, 0.2930

Complementary

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



82.0860, 0.3576, 0.3716



65.6002, 0.2703, 0.2823

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.



82.0860, 0.2880, 0.2843



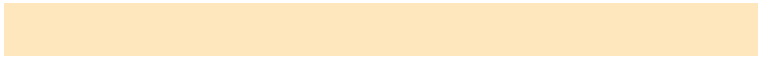
82.0860, 0.3576, 0.3716



82.0860, 0.2613, 0.3000

Square

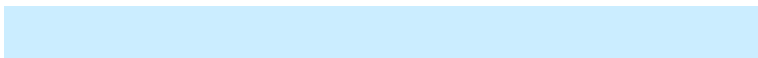
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0860, 0.3576, 0.3716



82.0860, 0.2838, 0.3484



82.0860, 0.2690, 0.2865



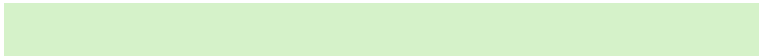
82.0860, 0.3414, 0.3102

Rectangle

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



82.0860, 0.3576, 0.3716



82.0860, 0.3184, 0.3736



82.0860, 0.2690, 0.2865



82.0860, 0.3052, 0.2890

Sweetspot

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



82.0897, 0.3576, 0.3716



94.1196, 0.3253, 0.3417



62.4606, 0.3481, 0.3043



19.9163, 0.3278, 0.3441



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

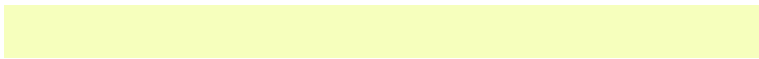
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0897, 0.3576, 0.3716



78.9465, 0.3678, 0.3804



94.8026, 0.3460, 0.3952



19.9163, 0.3278, 0.3441



24.9801, 0.5016, 0.4399



2.6401, 0.4897, 0.4493

Inverse Universe

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



65.6002, 0.2703, 0.2823



59.9415, 0.2613, 0.2715



55.5875, 0.2738, 0.2559



18.4575, 0.2979, 0.3134



8.0838, 0.1654, 0.1154



0.9860, 0.1716, 0.1379

Previews

White Background



This preview shows how the Yxy color 82.0860, 0.3576, 0.3716 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 82.0860, 0.3576, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

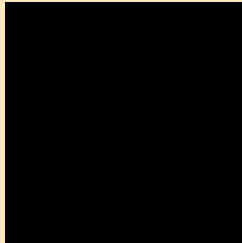
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.0860, 0.3576, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 82.0860, 0.3576, 0.3716.



This preview shows how white text looks on a background with the Yxy color 82.0860, 0.3576, 0.3716.

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

82.0860, 0.3576, 0.3716

Protanopia

81.9520, 0.3514, 0.3732

Deuteranopia

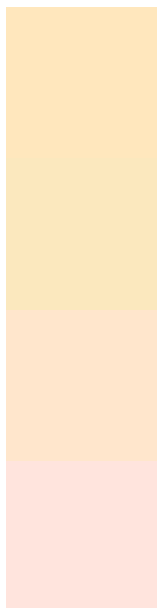
82.0521, 0.3423, 0.3461



Tritanopia

81.9440, 0.3238, 0.3153

Trichromacy



Original Color

82.0860, 0.3576, 0.3716

Protanomaly

81.9402, 0.3538, 0.3720

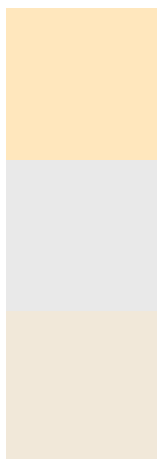
Deuteranomaly

82.2133, 0.3476, 0.3553

Tritanomaly

81.9673, 0.3363, 0.3361

Monochromacy



Original Color

82.0860, 0.3576, 0.3716

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4238, 0.3286, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0860, 0.3576, 0.3716 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, 231, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 189)  
}
```

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, 231, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 189) }
```

Border

The CSS property to change the border of an element to Yxy 82.0860, 0.3576, 0.3716 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, 231, 189) }
```

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

```
.border{ border-color:rgb(255, 231, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 231, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0860, 0.3576, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 189) }
```

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

```
.background{ background-color: rgb(255,  
231, 189) }
```

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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