

Converting Colors

$Y_{xy}(81.3031, 0.3615, 0.3761)$

Have a look what the booklet for
Yxy(81.3031, 0.3615, 0.3761)
contains.

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Color

Yxy(81.3143, 0.3613, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6B8
RGB	255, 230, 184
RGB Percent	100%, 90%, 72%
CMY	0.0000, 0.0981, 0.2784
CMYK	0.00, 0.10, 0.28, 0.00
HSL	39°, 100%, 86%
HSV	39°, 28%, 100%
XYZ	78.1976, 81.3143, 56.9222
YIQ	232.2310, 29.6660, -9.0060

Conversions

Conversions Part 2

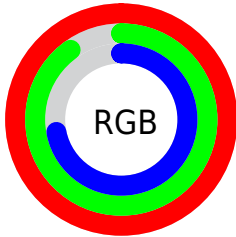
Format	Color
R_{YB}	223, 255, 184
Decimal	16770744
CIE _{Lab}	92.27, 1.83, 25.56
CIE _{LCh}	92, 25.625, 85.913
Y _{xy}	81.3143, 0.3613, 0.3757
Android (android.graphics.Color)	4294960824 (0xFFFFE6B8)
YUV	232.2310, -23.7779, 19.9684
Hunter-Lab	90.1744, -3.0133, 25.6956

Details

The Yxy color **81.3143, 0.3613, 0.3757** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.0160, 0.2668, 0.2773**, and the grayscale version is **81.0400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **44.1690, 0.3711, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **75.4663, 0.3817, 0.3929**, and if you desaturate by 10%, it is **87.6075, 0.3423, 0.3584**.

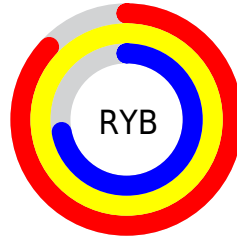
Distribution



Red (100%)

Green (90%)

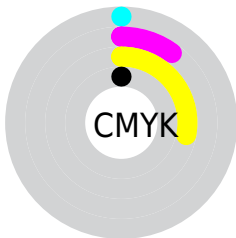
Blue (72%)



Red (87%)

Yellow (100%)

Blue (72%)

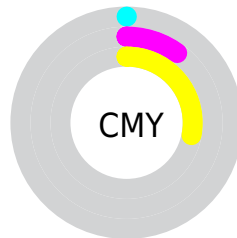


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3143, 0.3613, 0.3757 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 81.3143, 0.3613, 0.3757 by changing the saturation by 10% instead.


 81.3143, 0.3613,
0.3757

 81.3143, 0.3613,
0.3757


499.3511, 0.3393,
0.3547

 60.8005, 0.3662,
0.3803


 135.2120, 0.3538,
0.3686

 44.0642, 0.3721,
0.3859


169.3647, 0.3508,
0.3658

 30.7210, 0.3794,
0.3928


208.8324, 0.3483,
0.3633

 20.3865, 0.3888,
0.4015

253.9996, 0.3460,
0.3612

 12.6763, 0.4009,
0.4128

305.2507, 0.3441,
0.3593

 7.2060, 0.4173,
0.4277

362.9701, 0.3423,

 3.5913, 0.4401,

0.3576

0.4480

427.5421, 0.3407,
0.3561

■ 1.4477, 0.4985,
0.5015

■ 0.2515, 0.5300,
0.4700

■ 81.3143, 0.3613,
0.3757

■ 81.3143, 0.3613,
0.3757

■ 75.4663, 0.3817,
0.3929

■ 87.6075, 0.3423,
0.3584

■ 70.0569, 0.4033,
0.4093

■ 94.3669, 0.3250,
0.3416

■ 65.0684, 0.4253,
0.4238

100.0000, 0.3127,
0.3290

■ 60.4842, 0.4467,
0.4353

■ 56.2858, 0.4666,
0.4426

■ 52.4521, 0.4837,
0.4449

■ 48.9561, 0.4975,
0.4420

■ 48.2384, 0.5003,
0.4410

Harmonies

Analogous

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



81.3143, 0.3719, 0.3573



81.3143, 0.3613, 0.3757



81.3143, 0.3377, 0.3821

Triad

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



81.3143, 0.3613, 0.3757



81.3143, 0.2623, 0.3212



81.3143, 0.3152, 0.2902

Complementary

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



81.3143, 0.3613, 0.3757



63.0160, 0.2668, 0.2773

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.



81.3143, 0.2863, 0.2805



81.3143, 0.3613, 0.3757



81.3143, 0.2568, 0.2968

Square

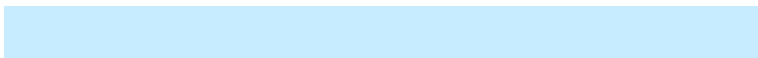
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3143, 0.3613, 0.3757



81.3143, 0.2807, 0.3497



81.3143, 0.2654, 0.2825



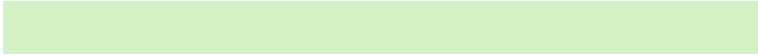
81.3143, 0.3446, 0.3090

Rectangle

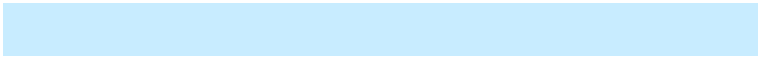
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3143, 0.3613, 0.3757



81.3143, 0.3181, 0.3776



81.3143, 0.2654, 0.2825



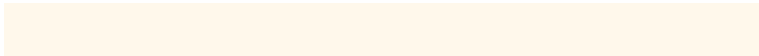
81.3143, 0.3051, 0.2858

Sweetspot

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



81.3117, 0.3613, 0.3757



94.2562, 0.3253, 0.3419



60.1975, 0.3516, 0.3023



19.9508, 0.3278, 0.3444



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

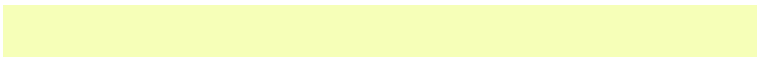
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3117, 0.3613, 0.3757



78.2411, 0.3717, 0.3846



94.4895, 0.3485, 0.4004



19.9508, 0.3278, 0.3444



25.4969, 0.4986, 0.4423



2.6881, 0.4872, 0.4514

Inverse Universe

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



63.0160, 0.2668, 0.2773



57.3959, 0.2576, 0.2661



52.9019, 0.2703, 0.2495



18.4243, 0.2979, 0.3132



7.8297, 0.1646, 0.1124



0.9586, 0.1708, 0.1349

Previews

White Background



This preview shows how the Yxy color 81.3143, 0.3613, 0.3757 looks on a white background.

Color Contrast Check

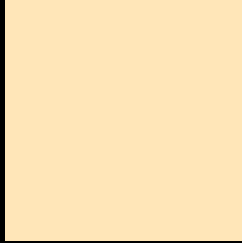
Large Text (above 18pt) WCAG AA × Fail

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 81.3143, 0.3613, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

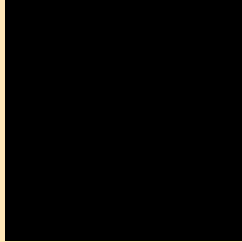
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.3143, 0.3613, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 81.3143, 0.3613, 0.3757.



This preview shows how white text looks on a background with the Yxy color 81.3143, 0.3613, 0.3757.

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

81.3143, 0.3613, 0.3757

Protanopia

81.1725, 0.3549, 0.3775

Deuteranopia

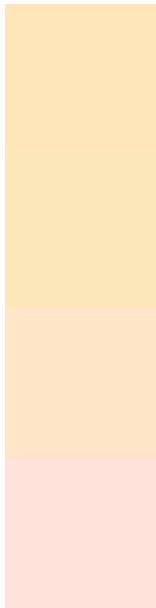
81.3503, 0.3445, 0.3482



Tritanopia

81.2835, 0.3252, 0.3162

Trichromacy



Original Color

81.3143, 0.3613, 0.3757

Protanomaly

81.1638, 0.3574, 0.3761

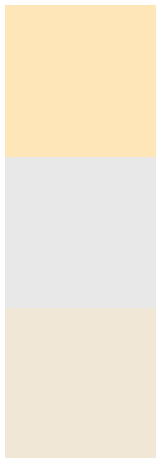
Deuteranomaly

81.4688, 0.3505, 0.3584

Tritanomaly

81.2601, 0.3385, 0.3381

Monochromacy



Original Color

81.3143, 0.3613, 0.3757

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5834, 0.3293, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3143, 0.3613, 0.3757 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, 230, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 184)  
}
```

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, 230, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 184) }
```

Border

The CSS property to change the border of an element to Yxy 81.3143, 0.3613, 0.3757 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, 230, 184) }
```

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

```
.border{ border-color:rgb(255, 230, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3143, 0.3613, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 184) }
```

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

```
.background{ background-color: rgb(255,  
230, 184) }
```

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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