

Converting Colors

$Yxy(82.0856, 0.3378, 0.3657)$

Have a look what the booklet for
Yxy(82.0856, 0.3378, 0.3657)
contains.

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Color

Yxy(81.9375, 0.3379, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	EFEB8C
RGB	239, 235, 200
RGB Percent	94%, 92%, 78%
CMY	0.0627, 0.0784, 0.2158
CMYK	0.00, 0.02, 0.16, 0.06
HSL	54°, 55%, 86%
HSV	54°, 16%, 94%
XYZ	75.7294, 81.9375, 66.4510
YIQ	232.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

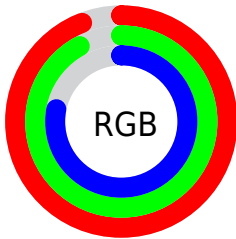
Format	Color
RYB	204, 239, 200
Decimal	15723464
CIELab	92.55, -4.35, 17.50
CIElCh	93, 18.036, 103.941
Yxy	81.9375, 0.3379, 0.3656
Android (android.graphics.Color)	4293913544 (0xFFEFBC8)
YUV	232.2060, -15.8776, 5.9583
Hunter-Lab	90.5193, -9.0738, 19.8383

Details

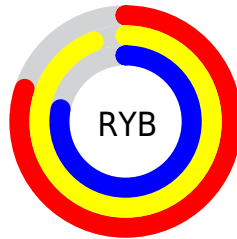
The Yxy color **81.9375, 0.3379, 0.3656** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.6827, 0.2863, 0.2896**, and the grayscale version is **80.9734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3828, 0.3437, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **79.5162, 0.3541, 0.3886**, and if you desaturate by 10%, it is **84.5601, 0.3222, 0.3429**.

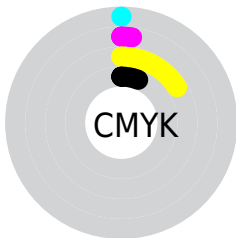
Distribution



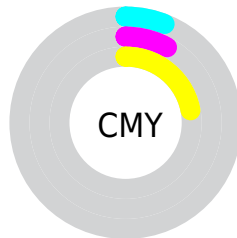
- Red (94%)
- Green (92%)
- Blue (78%)



- Red (80%)
- Yellow (94%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9375, 0.3379, 0.3656 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 81.9375, 0.3379, 0.3656 by changing the saturation by 10% instead.

81.9375, 0.3379,
0.3656

81.9375, 0.3379,
0.3656

501.4386, 0.3266,
0.3489

61.3140, 0.3404,
0.3694

136.0864, 0.3340,
0.3598

44.4786, 0.3434,
0.3740

170.3805, 0.3325,
0.3576

31.0470, 0.3472,
0.3798

210.0004, 0.3312,
0.3557

20.6346, 0.3521,
0.3873

255.3303, 0.3300,
0.3540

12.8572, 0.3584,
0.3973

306.7547, 0.3290,
0.3525

7.3303, 0.3671,
0.4113

364.6579, 0.3281,

3.6695, 0.3795,

0.3511

0.4323

429.4244, 0.3273,
0.3500

■ 1.4905, 0.4169,
0.4885

■ 0.2820, 0.3648,
0.6352

■ 81.9375, 0.3379,
0.3656

■ 81.9375, 0.3379,
0.3656

■ 79.5162, 0.3541,
0.3886

■ 84.5601, 0.3222,
0.3429

■ 77.2771, 0.3704,
0.4112


■ 87.3807, 0.3074,
0.3211

■ 75.2150, 0.3863,
0.4326

■ 89.2890, 0.3031,
0.3165

■ 73.3204, 0.4010,
0.4517


■ 90.7603, 0.3031,
0.3189

 71.5825, 0.4140,
0.4675


 92.2512, 0.3030,
0.3214

 69.9895, 0.4245,
0.4792


 93.7618, 0.3030,
0.3238

 68.5271, 0.4324,
0.4865

 95.2922, 0.3030,
0.3262

 67.1780, 0.4374,
0.4893

 96.8425, 0.3029,
0.3286

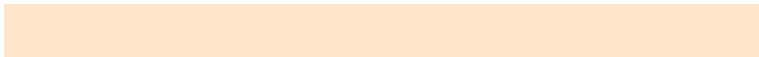
 66.7011, 0.4389,
0.4897

 97.0921, 0.3029,
0.3290

Harmonies

Analogous

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



81.9375, 0.3511, 0.3578



81.9375, 0.3379, 0.3656



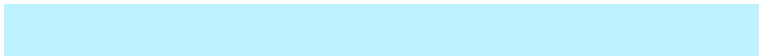
81.9375, 0.3182, 0.3631

Triad

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



81.9375, 0.3379, 0.3656



81.9375, 0.2733, 0.3129



81.9375, 0.3273, 0.3088

Complementary

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



81.9375, 0.3379, 0.3656



61.6827, 0.2863, 0.2896

Split Complementary

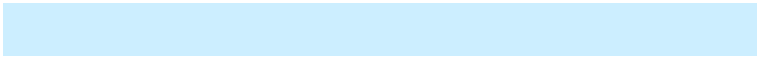
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9375, 0.3062, 0.2976



81.9375, 0.3379, 0.3656



81.9375, 0.2755, 0.2993

Square

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



81.9375, 0.3379, 0.3656



81.9375, 0.2812, 0.3318



81.9375, 0.2873, 0.2940



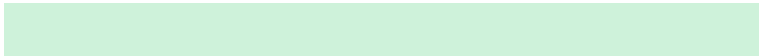
81.9375, 0.3450, 0.3251

Rectangle

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



81.9375, 0.3379, 0.3656



81.9375, 0.3042, 0.3557



81.9375, 0.2873, 0.2940



81.9375, 0.3204, 0.3043

Sweetspot

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



81.9411, 0.3379, 0.3656



98.3747, 0.3202, 0.3400



64.0338, 0.3403, 0.3242



21.0084, 0.3213, 0.3416



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.



81.9411, 0.3379, 0.3656



93.8489, 0.3439, 0.3742



81.7609, 0.3269, 0.3709



18.1659, 0.3271, 0.3500



36.9711, 0.4385, 0.4900



3.1548, 0.4357, 0.4923

Inverse Universe

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



61.6827, 0.2863, 0.2896



65.7705, 0.2795, 0.2794



61.9668, 0.2968, 0.2863



15.4894, 0.2980, 0.3071



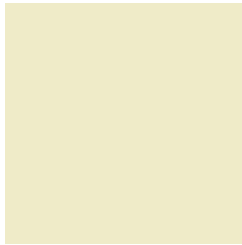
3.9037, 0.1520, 0.0671



0.4114, 0.1563, 0.0826

Previews

White Background



This preview shows how the Yxy color 81.9375, 0.3379, 0.3656 looks on a white background.

Color Contrast Check

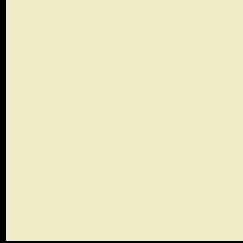
Large Text (above 18pt) WCAG AA × Fail

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 81.9375, 0.3379, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

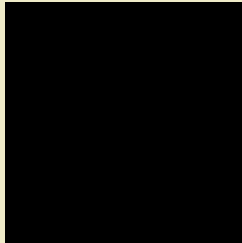
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

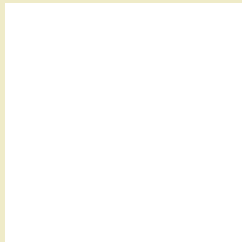
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9375, 0.3379, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 81.9375, 0.3379, 0.3656.



This preview shows how white text looks on a background with the Yxy color 81.9375, 0.3379, 0.3656.

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

81.9375, 0.3379, 0.3656

Protanopia

81.9942, 0.3439, 0.3641

Deuteranopia

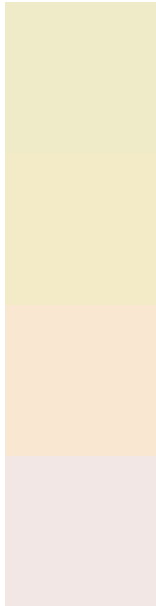
81.6531, 0.3404, 0.3421



Tritanopia

81.5531, 0.3129, 0.3110

Trichromacy



Original Color

81.9375, 0.3379, 0.3656

Protanomaly

82.0238, 0.3416, 0.3653

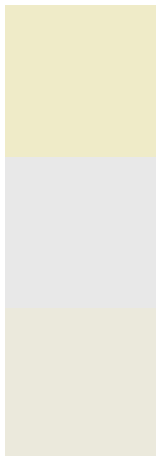
Deuteranomaly

81.9447, 0.3390, 0.3504

Tritanomaly

81.8637, 0.3222, 0.3311

Monochromacy



Original Color

81.9375, 0.3379, 0.3656

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.1073, 0.3223, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9375, 0.3379, 0.3656 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(239, 235, 200)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 200)  
}
```

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(239, 235, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 200) }
```

Border

The CSS property to change the border of an element to Yxy 81.9375, 0.3379, 0.3656 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(239, 235, 200) }
```

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

```
.border{ border-color:rgb(239, 235, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 235, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 200);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9375, 0.3379, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 200) }
```

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

```
.background{ background-color: rgb(239,  
235, 200) }
```

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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