

Converting Colors

Yxy(82.0641, 0.3249, 0.3456)

Have a look what the booklet for
Yxy(82.0641, 0.3249, 0.3456)
contains.

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Color

Yxy(81.9121, 0.3249, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	EDEADA
RGB	237, 234, 218
RGB Percent	93%, 92%, 85%
CMY	0.0706, 0.0823, 0.1450
CMYK	0.00, 0.01, 0.08, 0.07
HSL	51°, 35%, 89%
HSV	51°, 8%, 93%
XYZ	77.0059, 81.9121, 78.0962
YIQ	233.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

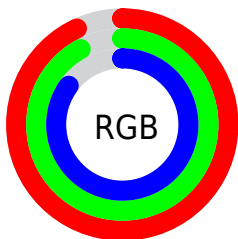
Format	Color
R _Y B	222, 237, 218
Decimal	15592154
CIE Lab	92.54, -1.71, 8.10
CIE LCh	93, 8.281, 101.895
Yxy	81.9121, 0.3249, 0.3456
Android (android.graphics.Color)	4293782234 (0xFFEEDA)
YUV	233.0730, -7.4310, 3.4440
Hunter-Lab	90.5053, -6.5086, 12.1929

Details

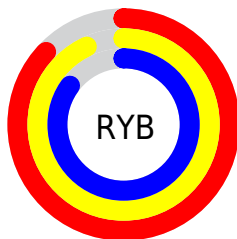
The Yxy color **81.9121, 0.3249, 0.3456** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7499, 0.3004, 0.3118**, and the grayscale version is **81.5999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3089, 0.3277, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **78.6501, 0.3410, 0.3670**, and if you desaturate by 10%, it is **85.4039, 0.3098, 0.3250**.

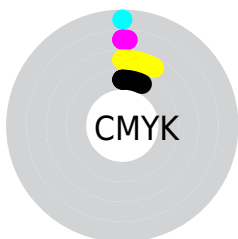
Distribution



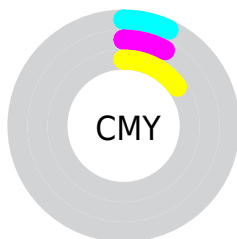
- Red (93%)
- Green (92%)
- Blue (85%)



- Red (87%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.9121, 0.3249, 0.3456 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 81.9121, 0.3249, 0.3456 by changing the saturation by 10% instead.

81.9121, 0.3249,
0.3456

81.9121, 0.3249,
0.3456

501.3536, 0.3194,
0.3381

61.2931, 0.3261,
0.3473

136.0507, 0.3230,
0.3430

44.4617, 0.3276,
0.3494

170.3391, 0.3223,
0.3420

31.0337, 0.3295,
0.3520

209.9528, 0.3216,
0.3411

20.6245, 0.3320,
0.3554

255.2761, 0.3211,
0.3403

12.8498, 0.3352,
0.3599

306.6934, 0.3206,
0.3397

7.3252, 0.3398,
0.3664

364.5892, 0.3201,

3.6663, 0.3466,

0.3391

0.3761

429.3478, 0.3197,
0.3385

■ 1.4887, 0.3580,
0.3928

■ 0.2808, 0.4451,
0.5549

■ 81.9121, 0.3249,
0.3456

■ 81.9121, 0.3249,
0.3456

■ 78.6501, 0.3410,
0.3670

■ 85.4039, 0.3098,
0.3250

■ 75.5993, 0.3578,
0.3888

■ 88.4323, 0.3018,
0.3156

■ 72.7551, 0.3750,
0.4102

■ 90.6806, 0.3018,
0.3193

■ 70.1084, 0.3919,
0.4303

■ 92.9748, 0.3018,
0.3231

67.6495, 0.4078,
0.4481

95.3153, 0.3018,
0.3268

65.3676, 0.4221,
0.4626

96.7454, 0.3017,
0.3290

63.2505, 0.4341,
0.4730

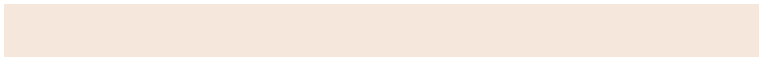
61.2837, 0.4433,
0.4788

59.4474, 0.4497,
0.4802

Harmonies

Analogous

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



81.9121, 0.3305, 0.3421



81.9121, 0.3249, 0.3456



81.9121, 0.3161, 0.3446

Triad

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



81.9121, 0.3249, 0.3456



81.9121, 0.2945, 0.3224



81.9121, 0.3189, 0.3191

Complementary

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



81.9121, 0.3249, 0.3456



72.7499, 0.3004, 0.3118

Split Complementary

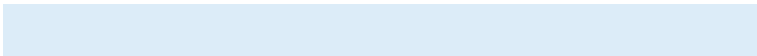
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9121, 0.3092, 0.3140



81.9121, 0.3249, 0.3456



81.9121, 0.2952, 0.3158

Square

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



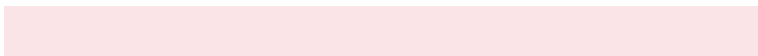
81.9121, 0.3249, 0.3456



81.9121, 0.2986, 0.3310



81.9121, 0.3005, 0.3128



81.9121, 0.3270, 0.3268

Rectangle

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



81.9121, 0.3249, 0.3456



81.9121, 0.3096, 0.3414



81.9121, 0.3005, 0.3128



81.9121, 0.3157, 0.3171

Sweetspot

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



81.9157, 0.3249, 0.3456



99.1623, 0.3157, 0.3331



73.3905, 0.3243, 0.3257



21.2336, 0.3156, 0.3329



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.



81.9157, 0.3249, 0.3456



95.9187, 0.3281, 0.3499



82.5697, 0.3203, 0.3489



17.1976, 0.3272, 0.3487



32.4210, 0.4502, 0.4807



2.6548, 0.4452, 0.4847

Inverse Universe

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



72.7499, 0.3004, 0.3118



82.5406, 0.2970, 0.3072



72.1727, 0.3047, 0.3088



14.9336, 0.2980, 0.3085



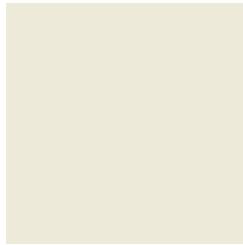
4.1992, 0.1538, 0.0736



0.4460, 0.1598, 0.0954

Previews

White Background



This preview shows how the Yxy color 81.9121, 0.3249, 0.3456 looks on a white background.

Color Contrast Check

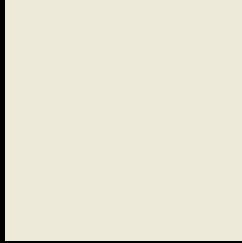
Large Text (above 18pt) WCAG AA × Fail

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 81.9121, 0.3249, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

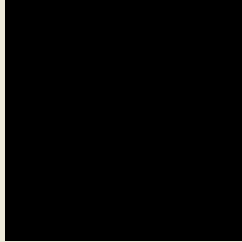
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

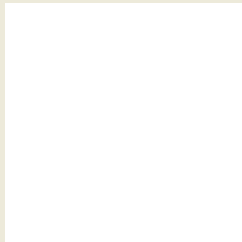
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.9121, 0.3249, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 81.9121, 0.3249, 0.3456.

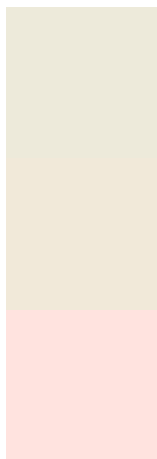


This preview shows how white text looks on a background with the Yxy color 81.9121, 0.3249, 0.3456.

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

81.9121, 0.3249, 0.3456

Protanopia

81.9884, 0.3285, 0.3455

Deuteranopia

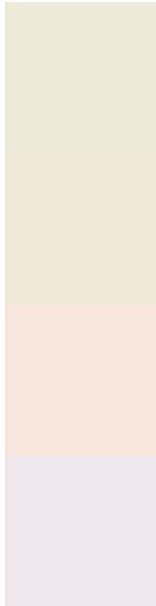
81.5259, 0.3351, 0.3331



Tritanopia

82.0717, 0.3088, 0.3109

Trichromacy



Original Color

81.9121, 0.3249, 0.3456

Protanomaly

81.8128, 0.3278, 0.3456

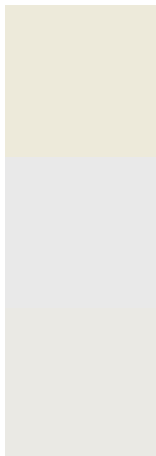
Deuteranomaly

81.7705, 0.3311, 0.3382

Tritanomaly

81.7915, 0.3150, 0.3229

Monochromacy



Original Color

81.9121, 0.3249, 0.3456

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.3717, 0.3165, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.9121, 0.3249, 0.3456 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(237, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 218)  
}
```

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(237, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 218) }
```

Border

The CSS property to change the border of an element to Yxy 81.9121, 0.3249, 0.3456 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(237, 234, 218) }
```

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

```
.border{ border-color:rgb(237, 234, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 81.9121, 0.3249, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 218) }
```

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

```
.background{ background-color: rgb(237,  
234, 218) }
```

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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