

Converting Colors

$Yxy(81.1017, 0.3217, 0.3465)$

Have a look what the booklet for
Yxy(81.1017, 0.3217, 0.3465)
contains.

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Color

Yxy(81.0112, 0.3221, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	E8EAD9
RGB	232, 234, 217
RGB Percent	91%, 92%, 85%
CMY	0.0902, 0.0823, 0.1491
CMYK	0.01, 0.00, 0.07, 0.08
HSL	67°, 29%, 88%
HSV	67°, 7%, 92%
XYZ	75.2197, 81.0112, 77.2981
YIQ	231.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

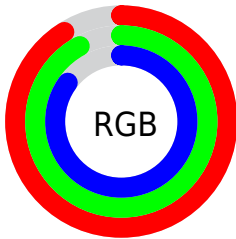
Format	Color
RYB	217, 234, 219
Decimal	15264473
CIELab	92.14, -3.62, 8.03
CIELCh	92, 8.805, 114.261
Yxy	81.0112, 0.3221, 0.3469
Android (android.graphics.Color)	4293454553 (0xFFE8EAD9)
YUV	231.4640, -7.1308, 0.4701
Hunter-Lab	90.0062, -8.3355, 12.0856

Details

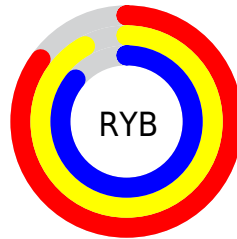
The Yxy color **81.0112, 0.3221, 0.3469** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **70.6125, 0.3030, 0.3106**, and the grayscale version is **80.3262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.6795, 0.3240, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **79.4206, 0.3352, 0.3724**, and if you desaturate by 10%, it is **82.7888, 0.3093, 0.3225**.

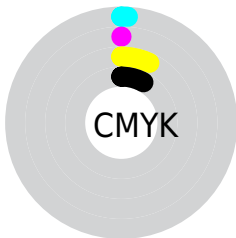
Distribution



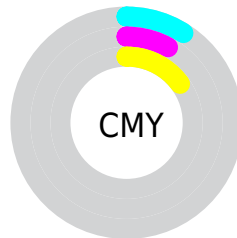
- Red (91%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (86%)



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



- Cyan (9%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0112, 0.3221, 0.3469 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 81.0112, 0.3221, 0.3469 by changing the saturation by 10% instead.

81.0112, 0.3221,
0.3469

81.0112, 0.3221,
0.3469

498.3341, 0.3179,
0.3387

60.5508, 0.3230,
0.3487

134.7865, 0.3207,
0.3441

43.8628, 0.3242,
0.3510

168.8702, 0.3201,
0.3430

30.5626, 0.3256,
0.3539

208.2638, 0.3196,
0.3420

20.2660, 0.3275,
0.3576

253.3517, 0.3192,
0.3412

12.5886, 0.3300,
0.3626

304.5183, 0.3188,
0.3405

7.1459, 0.3334,
0.3698

362.1480, 0.3184,

3.5535, 0.3386,

0.3398

0.3808

426.6251, 0.3181,
0.3392

■ 1.4271, 0.3472,
0.4000

■ 0.2365, 0.3659,
0.6341

■ 81.0112, 0.3221,
0.3469

■ 81.0112, 0.3221,
0.3469

■ 79.4206, 0.3352,
0.3724

■ 82.7888, 0.3093,
0.3225

■ 77.9993, 0.3483,
0.3984


■ 84.1717, 0.3022,
0.3080

■ 76.7429, 0.3609,
0.4242

■ 84.6554, 0.3040,
0.3081


■ 75.6432, 0.3725,
0.4487


■ 85.1467, 0.3058,
0.3083

 74.6909, 0.3824,
0.4709


 85.6454, 0.3077,
0.3084


 73.8758, 0.3903,
0.4898


 86.1516, 0.3095,
0.3085

 73.1866, 0.3956,
0.5046

 86.6654, 0.3113,
0.3086

 72.6095, 0.3982,
0.5148

 87.1868, 0.3132,
0.3087

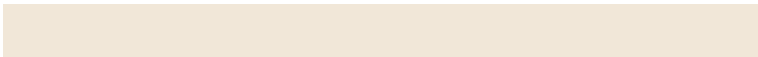
 72.1270, 0.3984,
0.5207

 87.3326, 0.3137,
0.3088

Harmonies

Analogous

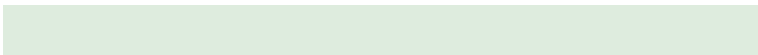
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0112, 0.3298, 0.3450



81.0112, 0.3221, 0.3469



81.0112, 0.3120, 0.3438

Triad

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



81.0112, 0.3221, 0.3469



81.0112, 0.2930, 0.3186



81.0112, 0.3232, 0.3216

Complementary

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



81.0112, 0.3221, 0.3469



70.6125, 0.3030, 0.3106

Split Complementary

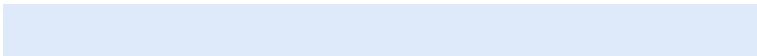
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0112, 0.3132, 0.3148



81.0112, 0.3221, 0.3469



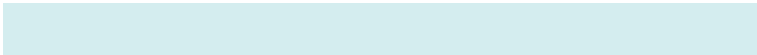
81.0112, 0.2958, 0.3130

Square

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



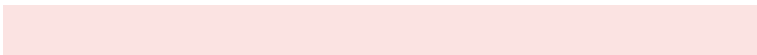
81.0112, 0.3221, 0.3469



81.0112, 0.2953, 0.3273



81.0112, 0.3032, 0.3117



81.0112, 0.3305, 0.3303

Rectangle

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



81.0112, 0.3221, 0.3469



81.0112, 0.3052, 0.3393



81.0112, 0.3032, 0.3117



81.0112, 0.3201, 0.3190

Sweetspot

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



81.0147, 0.3221, 0.3469



99.5611, 0.3153, 0.3339



73.1454, 0.3250, 0.3311



21.3148, 0.3152, 0.3336



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.



81.0147, 0.3221, 0.3469



98.0956, 0.3244, 0.3513



79.6292, 0.3163, 0.3472



17.5309, 0.3250, 0.3524



40.4943, 0.3986, 0.5217



3.2055, 0.4016, 0.5193

Inverse Universe

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



70.6125, 0.3030, 0.3106



82.5855, 0.3004, 0.3059



71.9620, 0.3089, 0.3110



14.6346, 0.2998, 0.3048



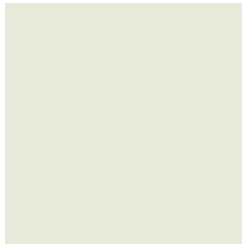
3.5033, 0.1544, 0.0624



0.3032, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 81.0112, 0.3221, 0.3469 looks on a white background.

Color Contrast Check

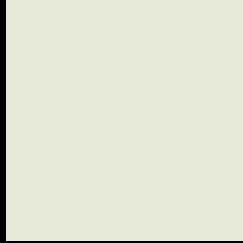
Large Text (above 18pt) WCAG AA × Fail

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 81.0112, 0.3221, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

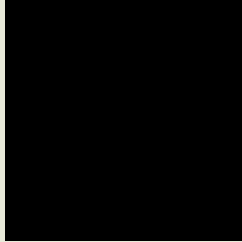
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

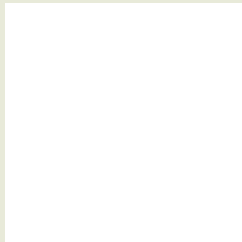
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0112, 0.3221, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 81.0112, 0.3221, 0.3469.

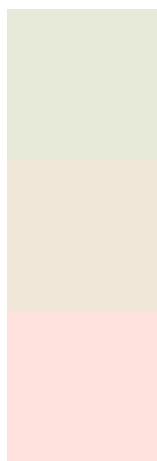


This preview shows how white text looks on a background with the Yxy color 81.0112, 0.3221, 0.3469.

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

81.0112, 0.3221, 0.3469

Protanopia

80.6350, 0.3286, 0.3446

Deuteranopia

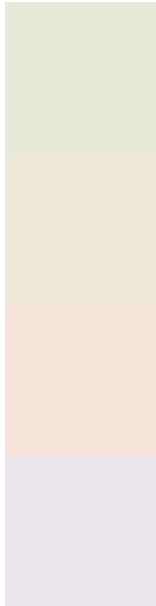
80.8732, 0.3366, 0.3341



Tritanopia

80.8205, 0.3062, 0.3098

Trichromacy



Original Color

81.0112, 0.3221, 0.3469

Protanomaly

80.6756, 0.3264, 0.3457

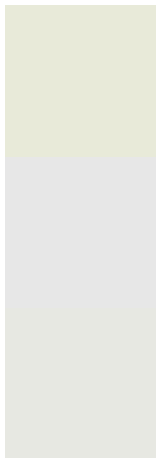
Deuteranomaly

80.9801, 0.3312, 0.3382

Tritanomaly

80.9284, 0.3116, 0.3228

Monochromacy



Original Color

81.0112, 0.3221, 0.3469

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.1931, 0.3158, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0112, 0.3221, 0.3469 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(232, 234, 217)` looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 217)  
}
```

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(232, 234, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 217) }
```

Border

The CSS property to change the border of an element to Yxy 81.0112, 0.3221, 0.3469 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(232, 234, 217) }
```

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

```
.border{ border-color:rgb(232, 234, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 234, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 234, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 234, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 234,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0112, 0.3221, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 217) }
```

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

```
.background{ background-color: rgb(232,  
234, 217) }
```

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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