

Converting Colors

$Y_{xy}(82.4579, 0.3202, 0.3407)$

Have a look what the booklet for
Yxy(82.4579, 0.3202, 0.3407)
contains.

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Color

Yxy(82.4606, 0.3196, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	EBEBE0
RGB	235, 235, 224
RGB Percent	92%, 92%, 88%
CMY	0.0785, 0.0784, 0.1215
CMYK	0.00, 0.00, 0.05, 0.08
HSL	60°, 22%, 90%
HSV	60°, 5%, 92%
XYZ	77.4219, 82.4606, 82.3637
YIQ	233.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

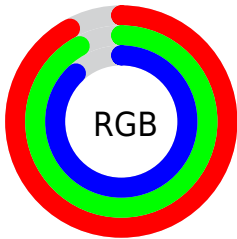
Format	Color
R_{YB}	224, 235, 224
Decimal	15461344
CIE _{Lab}	92.78, -1.91, 5.32
CIE _{LCh}	93, 5.650, 109.769
Yxy	82.4606, 0.3196, 0.3404
Android (android.graphics.Color)	4293651424 (0xFFEBEBE0)
YUV	233.7460, -4.8048, 1.0998
Hunter-Lab	90.8078, -6.7263, 9.7888

Details

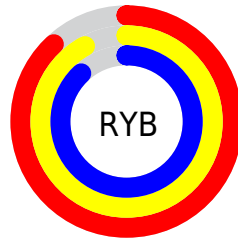
The Yxy color **82.4606, 0.3196, 0.3404** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1681, 0.3057, 0.3173**, and the grayscale version is **82.1138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6885, 0.3208, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **81.2689, 0.3347, 0.3654**, and if you desaturate by 10%, it is **83.8357, 0.3051, 0.3163**.

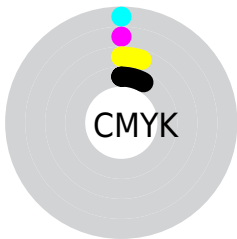
Distribution



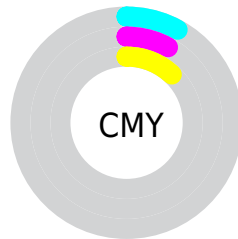
- Red (92%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4606, 0.3196, 0.3404 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 82.4606, 0.3196, 0.3404 by changing the saturation by 10% instead.

■ 82.4606, 0.3196,
0.3404

■ 82.4606, 0.3196,
0.3404

503.1871, 0.3165,
0.3352

■ 61.7453, 0.3203,
0.3416

136.8197, 0.3185,
0.3386

■ 44.8269, 0.3211,
0.3430

171.2323, 0.3181,
0.3379

■ 31.3211, 0.3222,
0.3448

210.9795, 0.3178,
0.3373

■ 20.8435, 0.3236,
0.3471

256.4455, 0.3174,
0.3368

■ 13.0096, 0.3254,
0.3502

308.0149, 0.3172,
0.3363

■ 7.4352, 0.3280,
0.3546

366.0721, 0.3169,

■ 3.7357, 0.3318,

0.3359

0.3613

431.0013, 0.3167,
0.3356

■ 1.5269, 0.3382,
0.3728

■ 0.3075, 0.4441,
0.5559

■ 82.4606, 0.3196,
0.3404

■ 82.4606, 0.3196,
0.3404

■ 81.2689, 0.3347,
0.3654

■ 83.8357, 0.3051,
0.3163

■ 80.2426, 0.3499,
0.3906

■ 84.3156, 0.3006,
0.3089

■ 79.3777, 0.3648,
0.4154


■ 84.3226, 0.3006,
0.3089

■ 78.6659, 0.3789,
0.4387


■ 84.3295, 0.3007,
0.3089

 78.0983, 0.3914,
0.4595


 84.3364, 0.3007,
0.3089


 77.6648, 0.4019,
0.4769

 84.3434, 0.3007,
0.3089

 77.3543, 0.4100,
0.4903

 84.3503, 0.3008,
0.3089

 77.1537, 0.4154,
0.4993

 84.3573, 0.3008,
0.3090

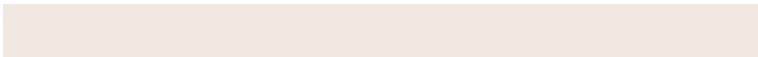
 77.0472, 0.4182,
0.5041

 84.3642, 0.3008,
0.3090

Harmonies

Analogous

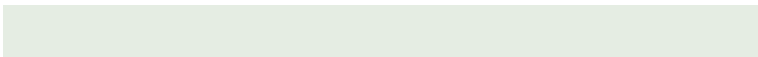
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4606, 0.3241, 0.3388



82.4606, 0.3196, 0.3404



82.4606, 0.3133, 0.3389

Triad

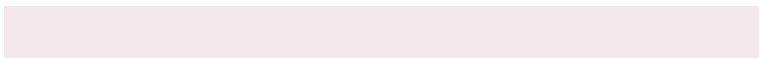
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4606, 0.3196, 0.3404



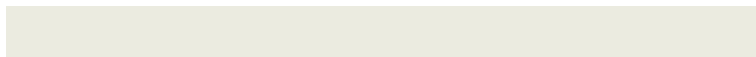
82.4606, 0.3001, 0.3232



82.4606, 0.3186, 0.3235

Complementary

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



82.4606, 0.3196, 0.3404



75.1681, 0.3057, 0.3173

Split Complementary

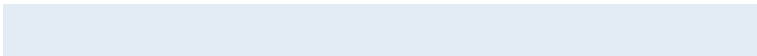
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4606, 0.3121, 0.3194



82.4606, 0.3196, 0.3404



82.4606, 0.3014, 0.3192

Square

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



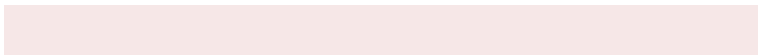
82.4606, 0.3196, 0.3404



82.4606, 0.3020, 0.3288



82.4606, 0.3058, 0.3178



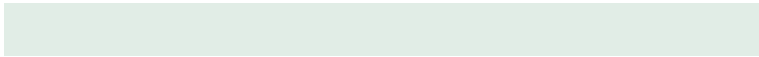
82.4606, 0.3235, 0.3290

Rectangle

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



82.4606, 0.3196, 0.3404



82.4606, 0.3089, 0.3363



82.4606, 0.3058, 0.3178



82.4606, 0.3165, 0.3219

Sweetspot

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



82.4642, 0.3196, 0.3404



99.8360, 0.3142, 0.3314



76.3634, 0.3205, 0.3290



21.3707, 0.3141, 0.3313



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.



82.4642, 0.3196, 0.3404



99.0484, 0.3216, 0.3437



81.5458, 0.3159, 0.3405



17.7004, 0.3225, 0.3452



42.8600, 0.4190, 0.5055



3.3660, 0.4191, 0.5055

Inverse Universe

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



75.1681, 0.3057, 0.3173



87.8411, 0.3036, 0.3138



76.0580, 0.3094, 0.3175



15.5055, 0.3026, 0.3123



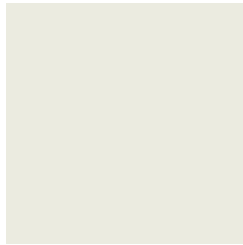
3.3403, 0.1501, 0.0600



0.2627, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 82.4606, 0.3196, 0.3404 looks on a white background.

Color Contrast Check

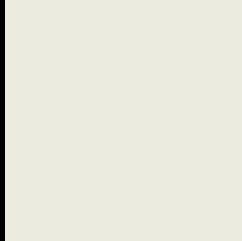
Large Text (above 18pt) WCAG AA × Fail

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 82.4606, 0.3196, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

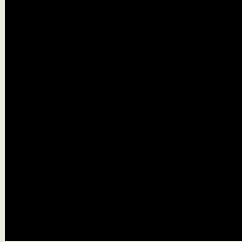
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

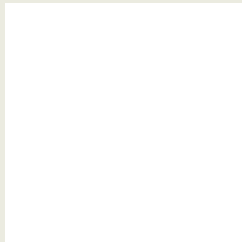
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4606, 0.3196, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 82.4606, 0.3196, 0.3404.

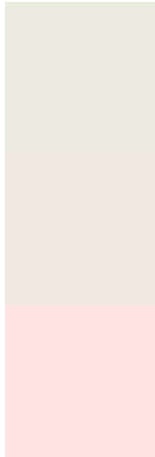


This preview shows how white text looks on a background with the Yxy color 82.4606, 0.3196, 0.3404.

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

82.4606, 0.3196, 0.3404

Protanopia

82.3063, 0.3246, 0.3393

Deuteranopia

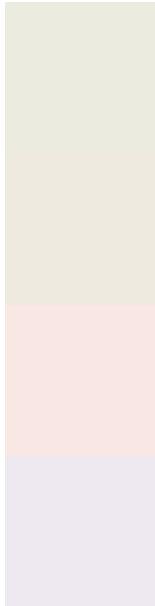
82.2929, 0.3323, 0.3301



Tritanopia

82.3421, 0.3069, 0.3109

Trichromacy



Original Color

82.4606, 0.3196, 0.3404

Protanomaly

82.5241, 0.3231, 0.3403

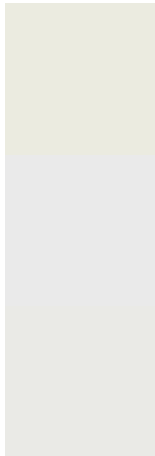
Deuteranomaly

82.5993, 0.3277, 0.3341

Tritanomaly

82.1816, 0.3117, 0.3209

Monochromacy



Original Color

82.4606, 0.3196, 0.3404

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.0512, 0.3152, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4606, 0.3196, 0.3404 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(235, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 224)  
}
```

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(235, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 224) }
```

Border

The CSS property to change the border of an element to Yxy 82.4606, 0.3196, 0.3404 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(235, 235, 224) }
```

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

```
.border{ border-color:rgb(235, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 235, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 235, 224); box-shadow:4px 4px 4px 4px rgb(235, 235, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4606, 0.3196, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 224) }
```

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

```
.background{ background-color: rgb(235,  
235, 224) }
```

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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