

Converting Colors

$Yxy(81.0998, 0.3205, 0.3358)$

Have a look what the booklet for
Yxy(81.0998, 0.3205, 0.3358)
contains.

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Color

Yxy(81.1540, 0.3206, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	EDE8E1
RGB	237, 232, 225
RGB Percent	93%, 91%, 88%
CMY	0.0706, 0.0901, 0.1178
CMYK	0.00, 0.02, 0.05, 0.07
HSL	35°, 25%, 91%
HSV	35°, 5%, 93%
XYZ	77.3654, 81.1540, 82.7949
YIQ	232.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

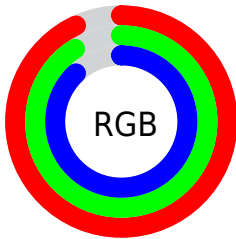
Format	Color
RYB	234, 237, 225
Decimal	15591649
CIELab	92.20, 0.46, 4.00
CIELCh	92, 4.031, 83.376
Yxy	81.1540, 0.3206, 0.3363
Android (android.graphics.Color)	4293781729 (0xFFE8E8E1)
YUV	232.6970, -3.7946, 3.7737
Hunter-Lab	90.0855, -4.3540, 8.5682

Details

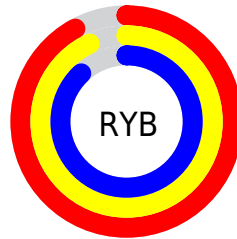
The Yxy color **81.1540, 0.3206, 0.3363** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.6771, 0.3049, 0.3216**, and the grayscale version is **81.2715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7767, 0.3221, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **74.5834, 0.3376, 0.3513**, and if you desaturate by 10%, it is **88.2193, 0.3055, 0.3221**.

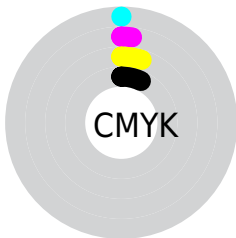
Distribution



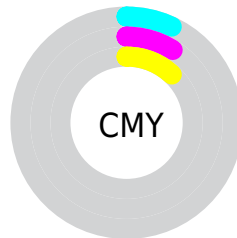
- Red (93%)
- Green (91%)
- Blue (88%)



- Red (92%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.1540, 0.3206, 0.3363 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 81.1540, 0.3206, 0.3363 by changing the saturation by 10% instead.

81.1540, 0.3206,
0.3363

81.1540, 0.3206,
0.3363

498.8134, 0.3170,
0.3330

60.6684, 0.3214,
0.3370

134.9870, 0.3194,
0.3352

43.9576, 0.3224,
0.3379

169.1032, 0.3189,
0.3347

30.6372, 0.3236,
0.3391

208.5318, 0.3185,
0.3343

20.3228, 0.3252,
0.3406

253.6570, 0.3181,
0.3340

12.6299, 0.3274,
0.3425

304.8635, 0.3178,
0.3337

7.1742, 0.3304,
0.3453

362.5354, 0.3175,

3.5713, 0.3351,

0.3334

0.3496

427.0573, 0.3172,
0.3332

■ 1.4368, 0.3430,
0.3568

■ 0.2436, 0.4993,
0.5007

■ 81.1540, 0.3206,
0.3363

■ 81.1540, 0.3206,
0.3363

■ 74.5834, 0.3376,
0.3513

■ 88.2193, 0.3055,
0.3221

■ 68.4848, 0.3566,
0.3669

■ 94.6113, 0.3017,
0.3257

■ 62.8486, 0.3775,
0.3827

■ 96.7427, 0.3017,
0.3290

■ 57.6611, 0.4002,
0.3979

■ 52.9077, 0.4240,
0.4118

■ 48.5728, 0.4481,
0.4230

■ 44.6391, 0.4713,
0.4305

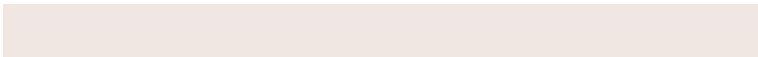
■ 41.0873, 0.4923,
0.4330

■ 37.8950, 0.5099,
0.4301

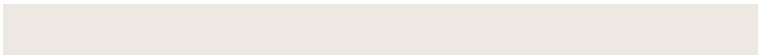
Harmonies

Analogous

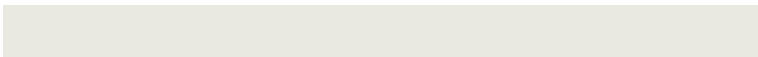
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1540, 0.3219, 0.3335



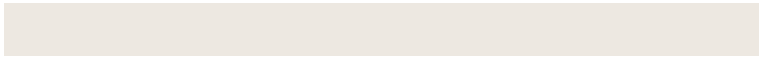
81.1540, 0.3206, 0.3363



81.1540, 0.3172, 0.3371

Triad

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



81.1540, 0.3206, 0.3363



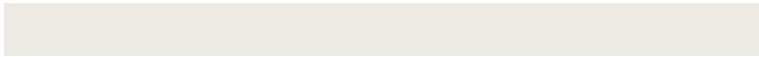
81.1540, 0.3048, 0.3284



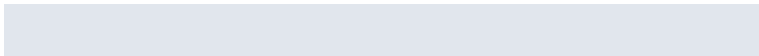
81.1540, 0.3128, 0.3224

Complementary

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



81.1540, 0.3206, 0.3363



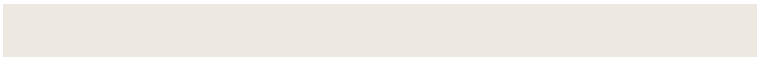
78.6771, 0.3049, 0.3216

Split Complementary

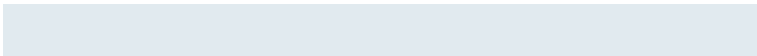
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.1540, 0.3083, 0.3210



81.1540, 0.3206, 0.3363



81.1540, 0.3036, 0.3244

Square

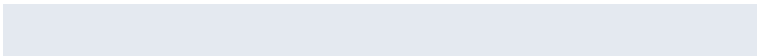
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1540, 0.3206, 0.3363



81.1540, 0.3080, 0.3326



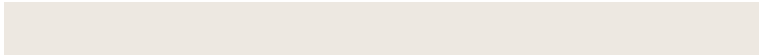
81.1540, 0.3049, 0.3217



81.1540, 0.3174, 0.3255

Rectangle

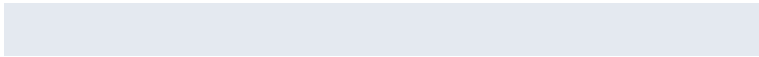
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1540, 0.3206, 0.3363



81.1540, 0.3141, 0.3365



81.1540, 0.3049, 0.3217



81.1540, 0.3112, 0.3217

Sweetspot

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



81.1575, 0.3206, 0.3363



98.3365, 0.3158, 0.3319



77.5462, 0.3179, 0.3238



21.0656, 0.3156, 0.3317



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.



81.1575, 0.3206, 0.3363



95.0795, 0.3221, 0.3377



83.8273, 0.3195, 0.3414



16.9212, 0.3231, 0.3386



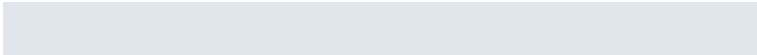
20.1619, 0.5155, 0.4289



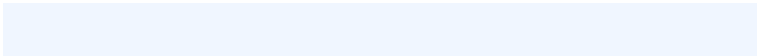
1.7722, 0.4986, 0.4423

Inverse Universe

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



78.6771, 0.3049, 0.3216



91.6240, 0.3035, 0.3202



76.1090, 0.3057, 0.3163



16.2445, 0.3025, 0.3192



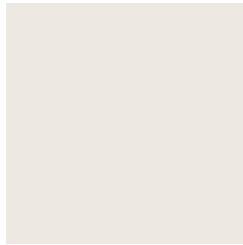
8.3614, 0.1696, 0.1306



0.8422, 0.1772, 0.1579

Previews

White Background



This preview shows how the Yxy color 81.1540, 0.3206, 0.3363 looks on a white background.

Color Contrast Check

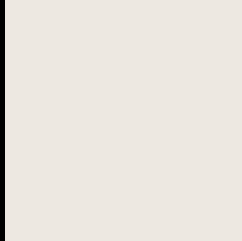
Large Text (above 18pt) WCAG AA × Fail

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 81.1540, 0.3206, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

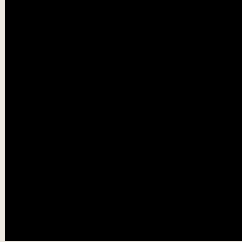
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

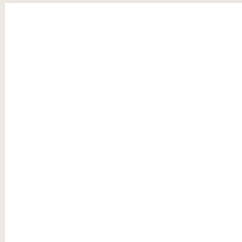
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1540, 0.3206, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 81.1540, 0.3206, 0.3363.

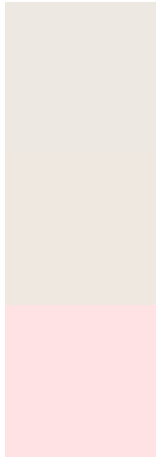


This preview shows how white text looks on a background with the Yxy color 81.1540, 0.3206, 0.3363.

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

81.1540, 0.3206, 0.3363

Protanopia

81.3266, 0.3213, 0.3362

Deuteranopia

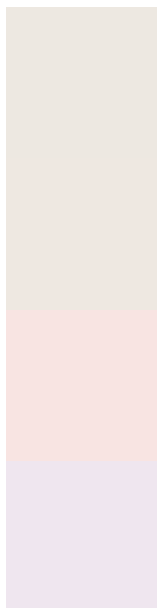
81.1988, 0.3325, 0.3281



Tritanopia

81.2793, 0.3088, 0.3109

Trichromacy



Original Color

81.1540, 0.3206, 0.3363

Protanomaly

81.3266, 0.3213, 0.3362

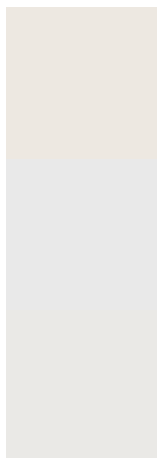
Deuteranomaly

80.9343, 0.3280, 0.3311

Tritanomaly

81.1763, 0.3131, 0.3199

Monochromacy



Original Color

81.1540, 0.3206, 0.3363

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4834, 0.3153, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1540, 0.3206, 0.3363 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, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 225)  
}
```

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, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 225) }
```

Border

The CSS property to change the border of an element to Yxy 81.1540, 0.3206, 0.3363 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, 232, 225) }
```

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

```
.border{ border-color:rgb(237, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 232, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 232, 225); box-shadow:4px 4px 4px 4px rgb(237, 232, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1540, 0.3206, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 225) }
```

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

```
.background{ background-color: rgb(237,  
232, 225) }
```

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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