

Converting Colors

Yxy(81.8612, 0.3056, 0.3302)

Have a look what the booklet for
Yxy(81.8612, 0.3056, 0.3302)
contains.

Yxy(81.8364, 0.3054, 0.3300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.8364, 0.3054, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E0ECEB
RGB	224, 236, 235
RGB Percent	88%, 93%, 92%
CMY	0.1215, 0.0745, 0.0783
CMYK	0.05, 0.00, 0.00, 0.07
HSL	175°, 24%, 90%
HSV	175°, 5%, 93%
XYZ	75.7359, 81.8364, 90.4168
YIQ	232.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

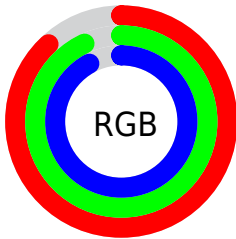
Format	Color
RYB	224, 230, 236
Decimal	14740715
CIELab	92.50, -4.14, -0.91
CIELCh	93, 4.239, 192.437
Yxy	81.8364, 0.3054, 0.3300
Android (android.graphics.Color)	4292930795 (0xFFE0ECEB)
YUV	232.2980, 1.3321, -7.2773
Hunter-Lab	90.4635, -8.8712, 4.0650

Details

The Yxy color **81.8364, 0.3054, 0.3300** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5861, 0.3205, 0.3280**, and the grayscale version is **80.9286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3322, 0.3042, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **78.2160, 0.2915, 0.3321**, and if you desaturate by 10%, it is **85.9883, 0.3199, 0.3281**.

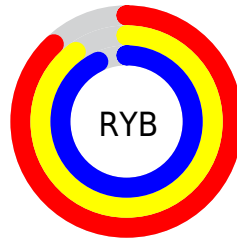
Distribution



Red (88%)

Green (93%)

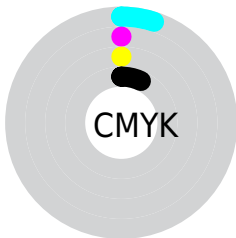
Blue (92%)



Red (88%)

Yellow (90%)

Blue (93%)

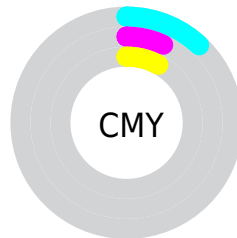


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.8364, 0.3054, 0.3300 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 81.8364, 0.3054, 0.3300 by changing the saturation by 10% instead.

■ 81.8364, 0.3054,
0.3300

■ 81.8364, 0.3054,
0.3300

501.1003, 0.3087,
0.3296

■ 61.2307, 0.3047,
0.3301

135.9446, 0.3065,
0.3299

■ 44.4114, 0.3038,
0.3302

170.2158, 0.3070,
0.3298

■ 30.9940, 0.3026,
0.3304

209.8110, 0.3074,
0.3297

■ 20.5943, 0.3011,
0.3305

255.1146, 0.3077,
0.3297

■ 12.8278, 0.2992,
0.3308

306.5109, 0.3080,
0.3297

■ 7.3101, 0.2964,
0.3311

364.3843, 0.3083,

■ 3.6568, 0.2922,

0.3296

0.3316

429.1193, 0.3085,
0.3296

■ 1.4835, 0.2851,
0.3324

■ 0.2771, 0.2016,
0.3442

■ 81.8364, 0.3054,
0.3300

■ 81.8364, 0.3054,
0.3300

■ 78.2160, 0.2915,
0.3321

■ 85.9883, 0.3199,
0.3281

■ 75.0953, 0.2785,
0.3344


■ 87.4760, 0.3237,
0.3262

■ 72.4548, 0.2667,
0.3369

■ 87.5905, 0.3225,
0.3243


■ 70.2699, 0.2563,
0.3395


■ 87.7061, 0.3212,
0.3225

 68.5136, 0.2476,
0.3422


 87.8230, 0.3200,
0.3206


 67.1562, 0.2409,
0.3450


 87.9411, 0.3188,
0.3187

 66.1643, 0.2360,
0.3478

 88.0604, 0.3176,
0.3169

 65.4988, 0.2331,
0.3506

 88.1810, 0.3164,
0.3150

 65.1119, 0.2320,
0.3533

 88.3028, 0.3152,
0.3132

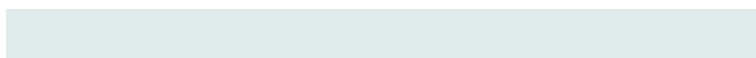
Harmonies

Analogous

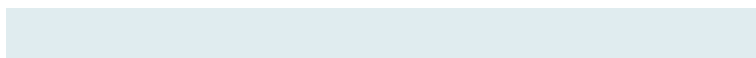
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8364, 0.3094, 0.3341



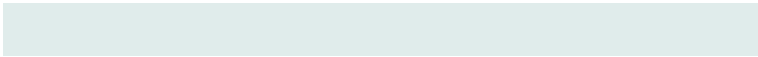
81.8364, 0.3054, 0.3300



81.8364, 0.3033, 0.3256

Triad

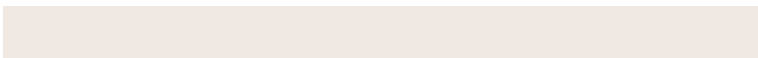
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8364, 0.3054, 0.3300



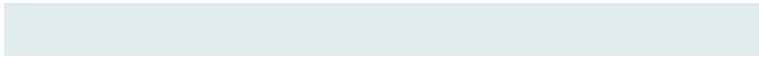
81.8364, 0.3110, 0.3213



81.8364, 0.3218, 0.3358

Complementary

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



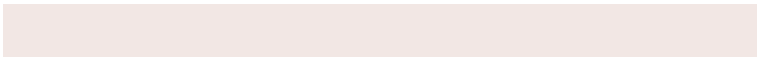
81.8364, 0.3054, 0.3300



76.5861, 0.3205, 0.3280

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.



81.8364, 0.3222, 0.3323



81.8364, 0.3054, 0.3300



81.8364, 0.3160, 0.3240

Square

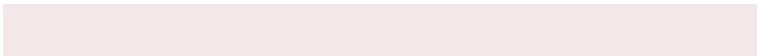
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



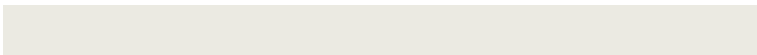
81.8364, 0.3054, 0.3300



81.8364, 0.3065, 0.3206



81.8364, 0.3201, 0.3280



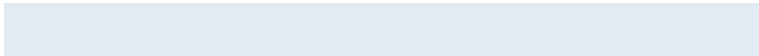
81.8364, 0.3189, 0.3375

Rectangle

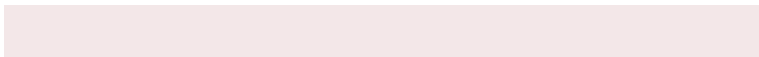
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



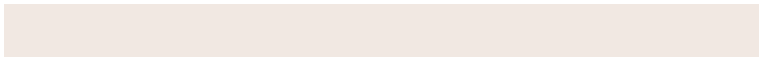
81.8364, 0.3054, 0.3300



81.8364, 0.3033, 0.3232



81.8364, 0.3201, 0.3280



81.8364, 0.3222, 0.3348

Sweetspot

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



81.8399, 0.3054, 0.3300



99.0187, 0.3098, 0.3294



81.3830, 0.3128, 0.3417



21.2044, 0.3100, 0.3294



0.0000, 0.0000, 0.0000



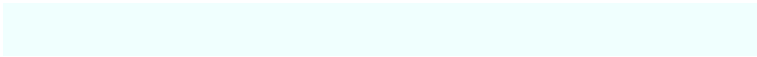
21.4041, 0.3127, 0.3290

Same Dimension

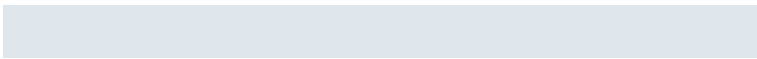
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8399, 0.3054, 0.3300



97.1326, 0.3041, 0.3302



79.0600, 0.3049, 0.3237



17.3251, 0.3032, 0.3303



35.8311, 0.2317, 0.3542



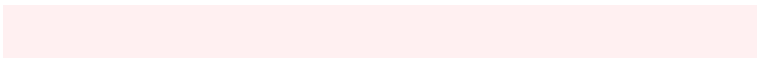
2.8199, 0.2307, 0.3504

Inverse Universe

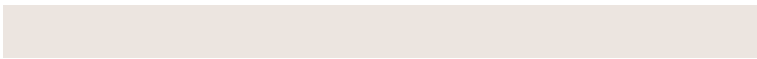
The Inverse Universe completely reimagines the original color for something new.



76.5861, 0.3205, 0.3280



89.7515, 0.3221, 0.3278



79.2579, 0.3208, 0.3342



15.8796, 0.3231, 0.3277



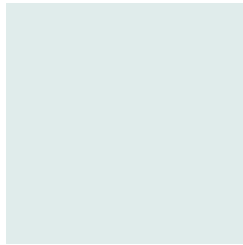
9.8637, 0.6310, 0.3249



0.7815, 0.6088, 0.3127

Previews

White Background



This preview shows how the Yxy color 81.8364, 0.3054, 0.3300 looks on a white background.

Color Contrast Check

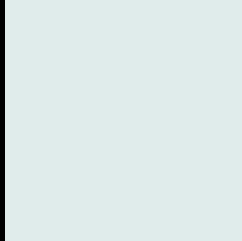
Large Text (above 18pt) WCAG AA × Fail

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 81.8364, 0.3054, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

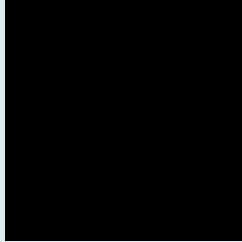
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

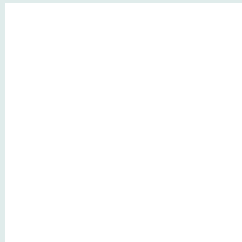
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8364, 0.3054, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.8364, 0.3054, 0.3300.

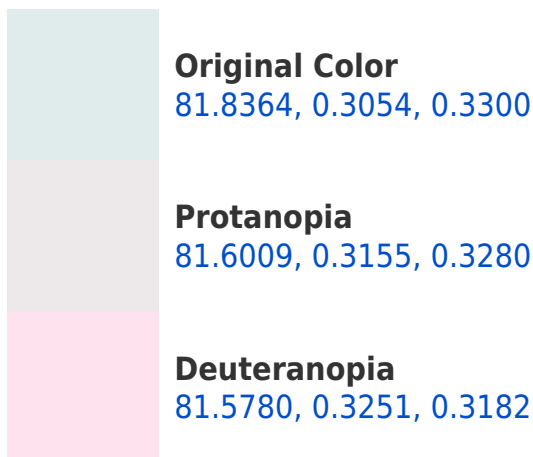


This preview shows how white text looks on a background with the Yxy color 81.8364, 0.3054, 0.3300.

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

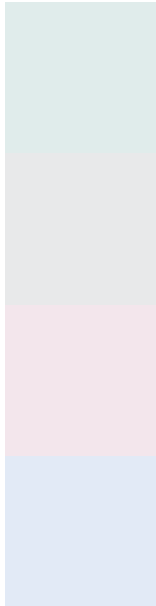




Tritanopia

81.6370, 0.2972, 0.3095

Trichromacy



Original Color

81.8364, 0.3054, 0.3300

Protanomaly

81.3741, 0.3114, 0.3280

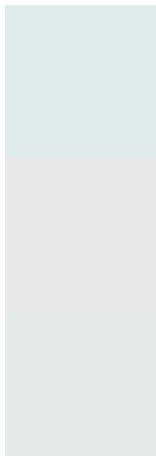
Deuteranomaly

81.7044, 0.3178, 0.3230

Tritanomaly

81.6682, 0.3001, 0.3166

Monochromacy



Original Color

81.8364, 0.3054, 0.3300

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.8190, 0.3100, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8364, 0.3054, 0.3300 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(224, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(224, 236, 235)  
}
```

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(224, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 236, 235) }
```

Border

The CSS property to change the border of an element to Yxy 81.8364, 0.3054, 0.3300 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(224, 236, 235) }
```

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

```
.border{ border-color:rgb(224, 236, 235) }
```

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

Here you see how a box with a 4 pixel rgb(224, 236, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(224, 236,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8364, 0.3054, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 236, 235) }
```

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

```
.background{ background-color: rgb(224,  
236, 235) }
```

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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