

Converting Colors

$Y_{xy}(86.3260, 0.3219, 0.3477)$

Have a look what the booklet for
Yxy(86.3260, 0.3219, 0.3477)
contains.

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Color

Yxy(86.4154, 0.3218, 0.3474)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EEF1DF |
| RGB | 238, 241, 223 |
| RGB Percent | 93%, 95%, 87% |
| CMY | 0.0665, 0.0549, 0.1254 |
| CMYK | 0.01, 0.00, 0.07, 0.05 |
| HSL | 70°, 39%, 91% |
| HSV | 70°, 7%, 95% |
| XYZ | 80.0474, 86.4154, 82.2862 |
| YIQ | 238.0510, 3.9900, -6.2340 |

Conversions

Conversions Part 2

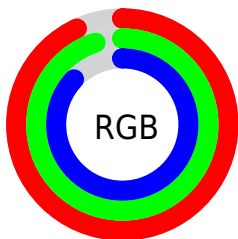
| Format | Color |
|-------------------------------------|--|
| RYB | 223, 241, 226 |
| Decimal | 15659487 |
| CIELab | 94.49, -4.07, 8.33 |
| CIELCh | 94, 9.267, 116.051 |
| Yxy | 86.4154, 0.3218, 0.3474 |
| Android (android.graphics.Color) | 4293849567 (0xFFEEF1DF) |
| YUV | 238.0510, -7.4201, -0.0447 |
| Hunter-Lab | 92.9599, -8.9741, 12.5896 |

Details

The Yxy color **86.4154, 0.3218, 0.3474** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3000, 0.3032, 0.3101**, and the grayscale version is **85.6056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4702, 0.3236, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **84.5337, 0.3342, 0.3731**, and if you desaturate by 10%, it is **88.5047, 0.3097, 0.3229**.

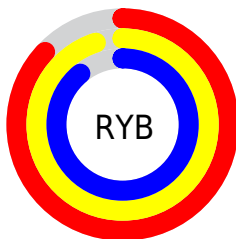
Distribution



Red (93%)

Green (95%)

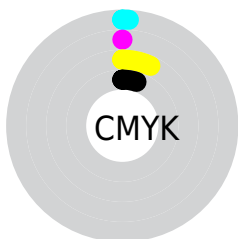
Blue (87%)



Red (87%)

Yellow (95%)

Blue (89%)

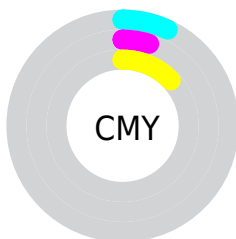


Cyan (1%)

Magenta (0%)

Yellow (7%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4154, 0.3218, 0.3474 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 86.4154, 0.3218, 0.3474 by changing the saturation by 10% instead.

86.4154, 0.3218,
0.3474

86.4154, 0.3218,
0.3474

516.2999, 0.3178,
0.3391

65.0115, 0.3227,
0.3493

142.3490, 0.3204,
0.3445

47.4704, 0.3238,
0.3515

177.6476, 0.3199,
0.3434

33.4077, 0.3251,
0.3544

218.3465, 0.3194,
0.3425

22.4390, 0.3268,
0.3581

264.8301, 0.3190,
0.3416

14.1798, 0.3291,
0.3630

317.4829, 0.3186,
0.3409

8.2458, 0.3322,
0.3699

376.6892, 0.3183,

4.2526, 0.3368,

0.3402

0.3803

442.8334, 0.3180,
0.3396

■ 1.8159, 0.3440,
0.3978

■ 0.4970, 0.4288,
0.5712

■ 86.4154, 0.3218,
0.3474

■ 86.4154, 0.3218,
0.3474

■ 84.5337, 0.3342,
0.3731

■ 88.5047, 0.3097,
0.3229

■ 82.8403, 0.3465,
0.3995

■ 89.7085, 0.3075,
0.3153

■ 81.3308, 0.3583,
0.4258

■ 90.4304, 0.3100,
0.3154

■ 79.9958, 0.3690,
0.4509

■ 91.1675, 0.3126,
0.3155

■ 78.8256, 0.3781,
0.4740

■ 91.3854, 0.3133,
0.3156

■ 77.8091, 0.3850,
0.4937

■ 76.9338, 0.3894,
0.5094

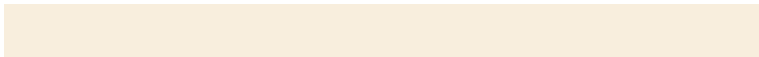
■ 76.1851, 0.3912,
0.5205

■ 75.5437, 0.3905,
0.5271

Harmonies

Analogous

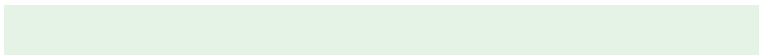
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4154, 0.3300, 0.3458



86.4154, 0.3218, 0.3474



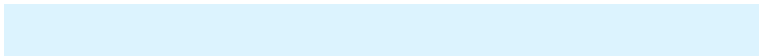
86.4154, 0.3113, 0.3439

Triad

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



86.4154, 0.3218, 0.3474



86.4154, 0.2924, 0.3179



86.4154, 0.3241, 0.3219

Complementary

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



86.4154, 0.3218, 0.3474



75.3000, 0.3032, 0.3101

Split Complementary

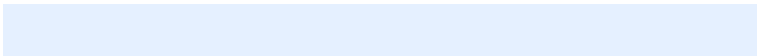
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4154, 0.3139, 0.3147



86.4154, 0.3218, 0.3474



86.4154, 0.2957, 0.3123

Square

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



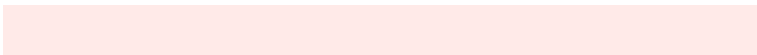
86.4154, 0.3218, 0.3474



86.4154, 0.2944, 0.3266



86.4154, 0.3035, 0.3112



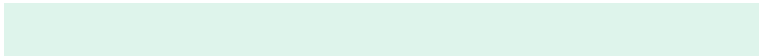
86.4154, 0.3313, 0.3309

Rectangle

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



86.4154, 0.3218, 0.3474



86.4154, 0.3044, 0.3391



86.4154, 0.3035, 0.3112



86.4154, 0.3209, 0.3192

Sweetspot

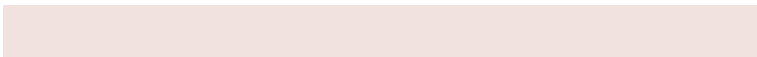
The Sweet Spot groups the original color and five complimentary colors.



86.4192, 0.3218, 0.3474



99.5176, 0.3151, 0.3339



78.2665, 0.3252, 0.3318



21.3059, 0.3150, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

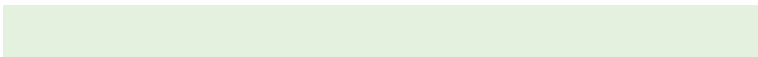
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4192, 0.3218, 0.3474



97.9024, 0.3237, 0.3514



84.9433, 0.3160, 0.3477



18.3202, 0.3243, 0.3525



40.9363, 0.3907, 0.5280



3.4401, 0.3947, 0.5248

Inverse Universe

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



75.3000, 0.3032, 0.3101



82.7621, 0.3011, 0.3060



76.7481, 0.3092, 0.3105



15.3532, 0.3005, 0.3048



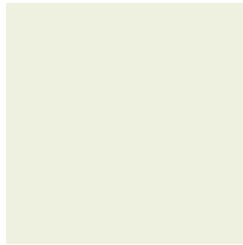
3.7214, 0.1571, 0.0639



0.3458, 0.1678, 0.0698

Previews

White Background



This preview shows how the Yxy color 86.4154, 0.3218, 0.3474 looks on a white background.

Color Contrast Check

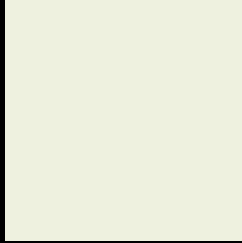
Large Text (above 18pt) WCAG AA × Fail

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 86.4154, 0.3218, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

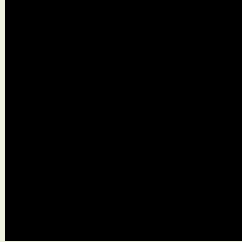
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

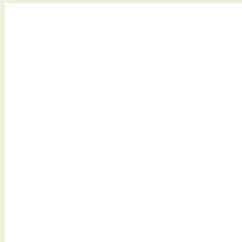
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4154, 0.3218, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 86.4154, 0.3218, 0.3474.

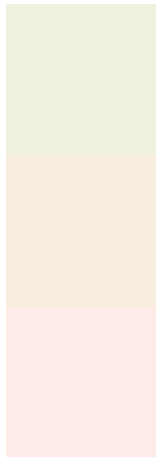


This preview shows how white text looks on a background with the Yxy color 86.4154, 0.3218, 0.3474.

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

86.4154, 0.3218, 0.3474

Protanopia

86.1437, 0.3295, 0.3462

Deuteranopia

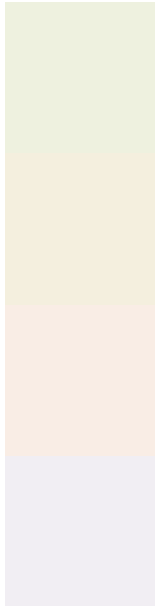
86.5029, 0.3282, 0.3320



Tritanopia

86.2656, 0.3057, 0.3103

Trichromacy



Original Color

86.4154, 0.3218, 0.3474

Protanomaly

86.2400, 0.3267, 0.3463

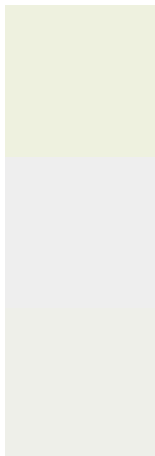
Deuteranomaly

86.3653, 0.3258, 0.3370

Tritanomaly

86.3209, 0.3116, 0.3240

Monochromacy



Original Color

86.4154, 0.3218, 0.3474

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.7933, 0.3157, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4154, 0.3218, 0.3474 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(238, 241, 223)` looks like.

```
.text, #text, p{  
    color:rgb(238, 241, 223)  
}
```

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(238, 241, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 241, 223) }
```

Border

The CSS property to change the border of an element to Yxy 86.4154, 0.3218, 0.3474 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(238, 241, 223) }
```

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

```
.border{ border-color:rgb(238, 241, 223) }
```

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

Here you see how a box with a 4 pixel rgb(238, 241, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 241, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 241, 223);  
box-shadow:4px 4px 4px 4px rgb(238, 241,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4154, 0.3218, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 241, 223) }
```

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

```
.background{ background-color: rgb(238,  
241, 223) }
```

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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