

Converting Colors

Yxy(88.2687, 0.3143, 0.3361)

Have a look what the booklet for
Yxy(88.2687, 0.3143, 0.3361)
contains.

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Color

Yxy(88.5080, 0.3143, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	EFF3EC
RGB	239, 243, 236
RGB Percent	94%, 95%, 93%
CMY	0.0630, 0.0469, 0.0746
CMYK	0.02, 0.00, 0.03, 0.05
HSL	95°, 23%, 94%
HSV	95°, 3%, 95%
XYZ	82.7672, 88.5080, 92.0631
YIQ	241.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

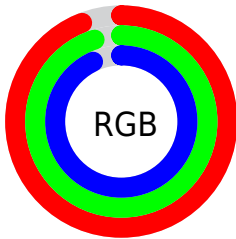
Format	Color
R _Y B	236, 243, 240
Decimal	15725548
CIE Lab	95.37, -2.60, 2.90
CIE LCh	95, 3.895, 131.782
Yxy	88.5080, 0.3143, 0.3361
Android (android.graphics.Color)	4293915628 (0xFFEFF3EC)
YUV	241.0060, -2.4680, -1.7593
Hunter-Lab	94.0787, -7.5995, 7.8354

Details

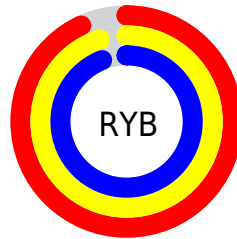
The Yxy color **88.5080, 0.3143, 0.3361** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9925, 0.3111, 0.3219**, and the grayscale version is **87.9819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9032, 0.3148, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **84.8301, 0.3197, 0.3622**, and if you desaturate by 10%, it is **92.2331, 0.3120, 0.3175**.

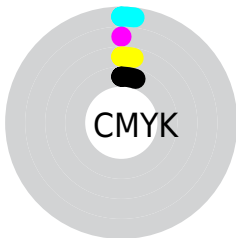
Distribution



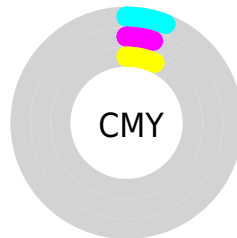
- Red (94%)
- Green (95%)
- Blue (93%)



- Red (93%)
- Yellow (95%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)




- Cyan (6%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.5080, 0.3143, 0.3361 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 88.5080, 0.3143, 0.3361 by changing the saturation by 10% instead.

 88.5080, 0.3143,
0.3361

 88.5080, 0.3143,
0.3361


523.1654, 0.3136,
0.3329

 66.7439, 0.3145,
0.3368

145.2642, 0.3141,
0.3350

 48.8765, 0.3146,
0.3377


181.0250, 0.3140,
0.3346

 34.5215, 0.3149,
0.3387


222.2202, 0.3139,
0.3342

 23.2945, 0.3152,
0.3401

269.2342, 0.3138,
0.3339

 14.8111, 0.3155,
0.3420

322.4513, 0.3138,
0.3336

 8.6869, 0.3161,
0.3445

382.2559, 0.3137,

 4.5376, 0.3168,

0.3334

0.3483

449.0325, 0.3136,
0.3331

■ 1.9786, 0.3181,
0.3547

■ 0.5950, 0.3257,
0.3859

■ 88.5080, 0.3143,
0.3361

■ 88.5080, 0.3143,
0.3361

■ 84.8301, 0.3197,
0.3622

■ 92.2331, 0.3120,
0.3175

■ 81.5209, 0.3250,
0.3905

■ 92.5982, 0.3133,
0.3175

■ 78.5714, 0.3297,
0.4207

■ 75.9681, 0.3336,
0.4519

■ 73.6966, 0.3363,
0.4829

■ 71.7409, 0.3374,
0.5122

■ 70.0840, 0.3366,
0.5379

■ 68.7064, 0.3337,
0.5586

■ 67.5855, 0.3291,
0.5731

Harmonies

Analogous

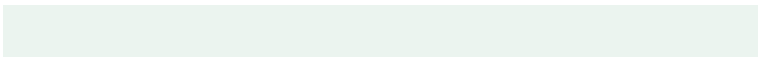
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5080, 0.3183, 0.3366



88.5080, 0.3143, 0.3361



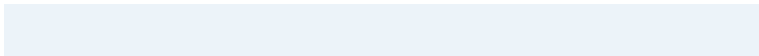
88.5080, 0.3099, 0.3337

Triad

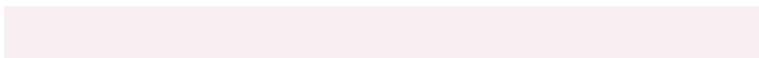
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5080, 0.3143, 0.3361



88.5080, 0.3046, 0.3230



88.5080, 0.3193, 0.3280

Complementary

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



88.5080, 0.3143, 0.3361



84.9925, 0.3111, 0.3219

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.



88.5080, 0.3155, 0.3244



88.5080, 0.3143, 0.3361



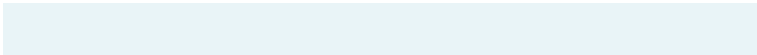
88.5080, 0.3071, 0.3215

Square

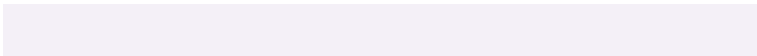
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



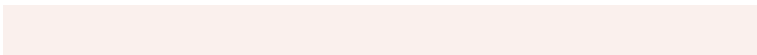
88.5080, 0.3143, 0.3361



88.5080, 0.3043, 0.3261



88.5080, 0.3111, 0.3221



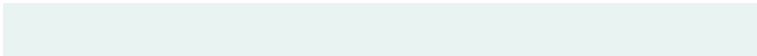
88.5080, 0.3212, 0.3319

Rectangle

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



88.5080, 0.3143, 0.3361



88.5080, 0.3073, 0.3313



88.5080, 0.3111, 0.3221



88.5080, 0.3182, 0.3267

Sweetspot

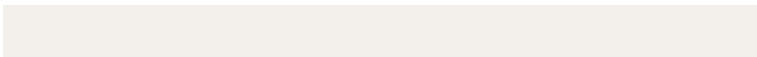
The Sweet Spot groups the original color and five complimentary colors.



88.5118, 0.3143, 0.3361



99.5566, 0.3133, 0.3314



87.4202, 0.3172, 0.3330



21.3139, 0.3132, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

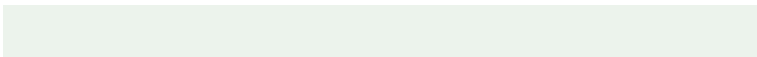
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5118, 0.3143, 0.3361



98.6829, 0.3144, 0.3364



88.0304, 0.3121, 0.3357



19.2749, 0.3148, 0.3383



36.7957, 0.3262, 0.5792



3.2929, 0.3359, 0.5715

Inverse Universe

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



84.9925, 0.3111, 0.3219



94.6138, 0.3110, 0.3216



85.4845, 0.3133, 0.3224



18.2737, 0.3106, 0.3197



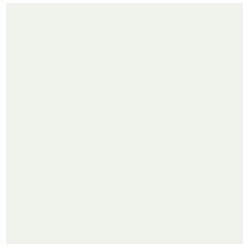
6.7566, 0.2191, 0.0981



0.6541, 0.2314, 0.1049

Previews

White Background



This preview shows how the Yxy color 88.5080, 0.3143, 0.3361 looks on a white background.

Color Contrast Check

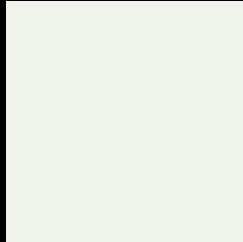
Large Text (above 18pt) WCAG AA × Fail

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 88.5080, 0.3143, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

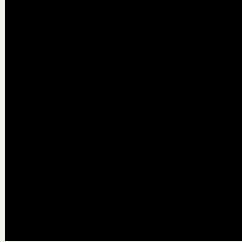
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

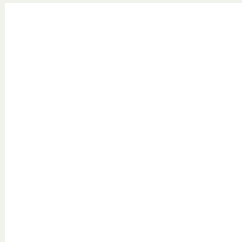
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5080, 0.3143, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 88.5080, 0.3143, 0.3361.

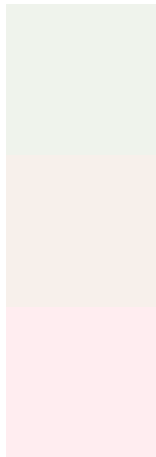


This preview shows how white text looks on a background with the Yxy color 88.5080, 0.3143, 0.3361.

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

88.5080, 0.3143, 0.3361

Protanopia

88.0925, 0.3204, 0.3340

Deuteranopia

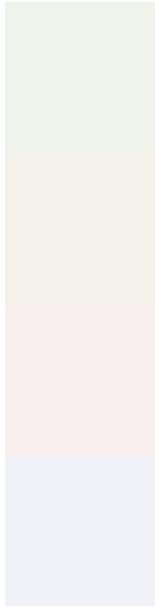
88.1196, 0.3229, 0.3261



Tritanopia

88.4174, 0.3050, 0.3142

Trichromacy



Original Color

88.5080, 0.3143, 0.3361

Protanomaly

88.1418, 0.3184, 0.3350

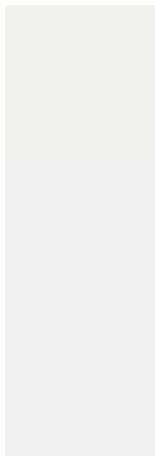
Deuteranomaly

88.1047, 0.3193, 0.3290

Tritanomaly

88.3887, 0.3085, 0.3220

Monochromacy



Original Color

88.5080, 0.3143, 0.3361

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.2615, 0.3132, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5080, 0.3143, 0.3361 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(239, 243, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 236)  
}
```

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(239, 243, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 236) }
```

Border

The CSS property to change the border of an element to Yxy 88.5080, 0.3143, 0.3361 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(239, 243, 236) }
```

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

```
.border{ border-color:rgb(239, 243, 236) }
```

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

Here you see how a box with a 4 pixel rgb(239, 243, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5080, 0.3143, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 236) }
```

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

```
.background{ background-color: rgb(239,  
243, 236) }
```

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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