

Converting Colors

$Yxy(89.0050, 0.3238, 0.3464)$

Have a look what the booklet for
Yxy(89.0050, 0.3238, 0.3464)
contains.

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Color

Yxy(88.8253, 0.3238, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3E2
RGB	244, 243, 226
RGB Percent	96%, 95%, 89%
CMY	0.0429, 0.0471, 0.1137
CMYK	0.00, 0.00, 0.07, 0.04
HSL	56°, 45%, 92%
HSV	56°, 7%, 96%
XYZ	83.1021, 88.8253, 84.7190
YIQ	241.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

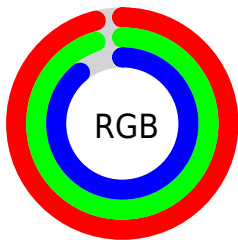
Format	Color
R_{YB}	227, 244, 226
Decimal	16053218
CIE _{Lab}	95.51, -2.53, 8.30
CIE _{LCh}	96, 8.678, 106.917
Yxy	88.8253, 0.3238, 0.3461
Android (android.graphics.Color)	4294243298 (0xFFFF4F3E2)
YUV	241.3610, -7.5730, 2.3144
Hunter-Lab	94.2472, -7.5409, 12.6771

Details

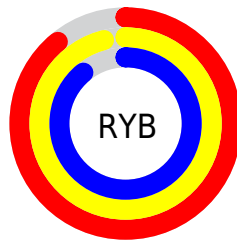
The Yxy color **88.8253, 0.3238, 0.3461** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.6860, 0.3013, 0.3113**, and the grayscale version is **88.3283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1723, 0.3261, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **86.7184, 0.3393, 0.3699**, and if you desaturate by 10%, it is **91.1376, 0.3089, 0.3231**.

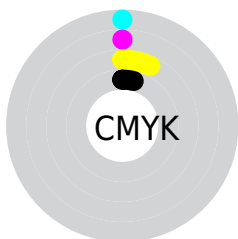
Distribution



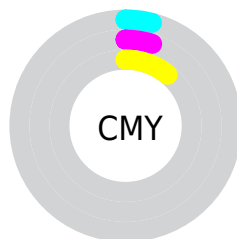
- Red (96%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8253, 0.3238, 0.3461 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 88.8253, 0.3238, 0.3461 by changing the saturation by 10% instead.

88.8253, 0.3238,
0.3461

88.8253, 0.3238,
0.3461

524.2022, 0.3189,
0.3384

67.0068, 0.3249,
0.3478

145.7056, 0.3221,
0.3435

49.0901, 0.3262,
0.3499

181.5362, 0.3215,
0.3425

34.6910, 0.3278,
0.3525

222.8062, 0.3209,
0.3416

23.4249, 0.3299,
0.3558

269.9001, 0.3204,
0.3408

14.9076, 0.3327,
0.3602

323.2022, 0.3199,
0.3401

8.7546, 0.3365,
0.3664

383.0970, 0.3195,

4.5814, 0.3420,

0.3395

0.3755

449.9689, 0.3192,
0.3389

■ 2.0038, 0.3509,
0.3906

■ 0.6097, 0.4276,
0.5035

■ 88.8253, 0.3238,
0.3461

■ 88.8253, 0.3238,
0.3461

■ 86.7184, 0.3393,
0.3699

■ 91.1376, 0.3089,
0.3231

■ 84.7971, 0.3552,
0.3939


■ 92.3082, 0.3062,
0.3201


■ 83.0568, 0.3708,
0.4172

■ 93.1937, 0.3062,
0.3215

■ 81.4881, 0.3857,
0.4391

■ 94.0860, 0.3061,
0.3229


 80.0810, 0.3992,
0.4584


 94.9853, 0.3061,
0.3244

 78.8241, 0.4107,
0.4742

 95.8916, 0.3061,
0.3258


 77.7046, 0.4197,
0.4859

 96.8048, 0.3060,
0.3272

 76.7076, 0.4259,
0.4931

 97.7249, 0.3060,
0.3286

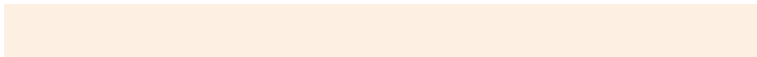
 75.8134, 0.4296,
0.4961

 97.9840, 0.3060,
0.3290

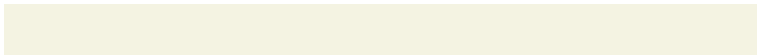
Harmonies

Analogous

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



88.8253, 0.3302, 0.3432



88.8253, 0.3238, 0.3461



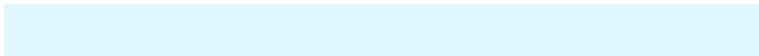
88.8253, 0.3145, 0.3443

Triad

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



88.8253, 0.3238, 0.3461



88.8253, 0.2939, 0.3209



88.8253, 0.3206, 0.3201

Complementary

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



88.8253, 0.3238, 0.3461



77.6860, 0.3013, 0.3113

Split Complementary

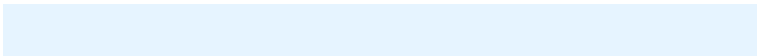
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8253, 0.3107, 0.3143



88.8253, 0.3238, 0.3461



88.8253, 0.2955, 0.3147

Square

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



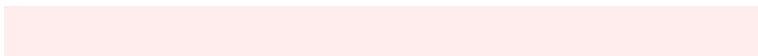
88.8253, 0.3238, 0.3461



88.8253, 0.2973, 0.3296



88.8253, 0.3016, 0.3123



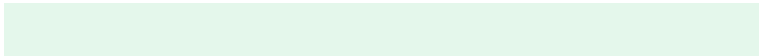
88.8253, 0.3284, 0.3282

Rectangle

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



88.8253, 0.3238, 0.3461



88.8253, 0.3079, 0.3406



88.8253, 0.3016, 0.3123



88.8253, 0.3174, 0.3178

Sweetspot

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



88.8292, 0.3238, 0.3461



99.4826, 0.3157, 0.3336



79.1971, 0.3246, 0.3278



21.2988, 0.3155, 0.3334



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.



88.8292, 0.3238, 0.3461



97.7417, 0.3263, 0.3499



88.1028, 0.3185, 0.3474



19.1349, 0.3270, 0.3510



41.1510, 0.4301, 0.4967



3.6671, 0.4286, 0.4979

Inverse Universe

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



77.6860, 0.3013, 0.3113



82.8968, 0.2987, 0.3072



78.3944, 0.3066, 0.3105



16.0847, 0.2979, 0.3060



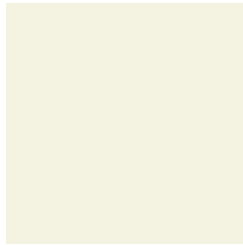
3.7924, 0.1510, 0.0636



0.3878, 0.1536, 0.0728

Previews

White Background



This preview shows how the Yxy color 88.8253, 0.3238, 0.3461 looks on a white background.

Color Contrast Check

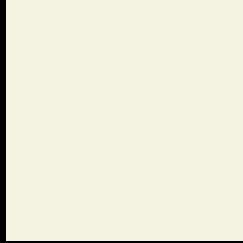
Large Text (above 18pt) WCAG AA × Fail

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 88.8253, 0.3238, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

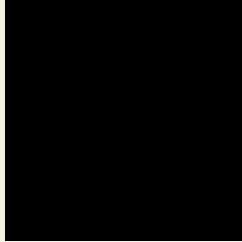
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

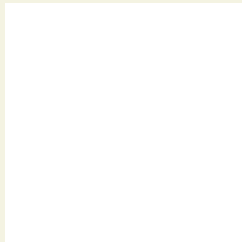
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8253, 0.3238, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 88.8253, 0.3238, 0.3461.

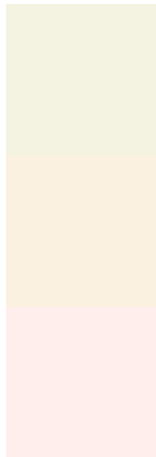


This preview shows how white text looks on a background with the Yxy color 88.8253, 0.3238, 0.3461.

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

88.8253, 0.3238, 0.3461

Protanopia

88.6708, 0.3286, 0.3450

Deuteranopia

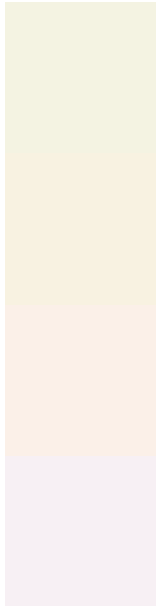
88.4652, 0.3253, 0.3310



Tritanopia

88.9095, 0.3089, 0.3134

Trichromacy



Original Color

88.8253, 0.3238, 0.3461

Protanomaly

88.8970, 0.3272, 0.3460

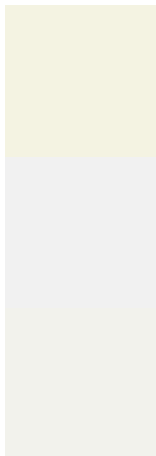
Deuteranomaly

88.6556, 0.3250, 0.3369

Tritanomaly

88.6260, 0.3149, 0.3251

Monochromacy



Original Color

88.8253, 0.3238, 0.3461

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.4376, 0.3164, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8253, 0.3238, 0.3461 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(244, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 226)  
}
```

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(244, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 226) }
```

Border

The CSS property to change the border of an element to Yxy 88.8253, 0.3238, 0.3461 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(244, 243, 226) }
```

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

```
.border{ border-color:rgb(244, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 226);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8253, 0.3238, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 226) }
```

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

```
.background{ background-color: rgb(244,  
243, 226) }
```

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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