

Converting Colors

Yxy(88.5031, 0.3059, 0.3300)

Have a look what the booklet for
Yxy(88.5031, 0.3059, 0.3300)
contains.

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Color

Yxy(88.4961, 0.3063, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E9F4F3
RGB	233, 244, 243
RGB Percent	91%, 96%, 95%
CMY	0.0861, 0.0432, 0.0471
CMYK	0.04, 0.00, 0.00, 0.04
HSL	174°, 33%, 94%
HSV	174°, 4%, 96%
XYZ	82.1405, 88.4961, 97.5334
YIQ	240.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

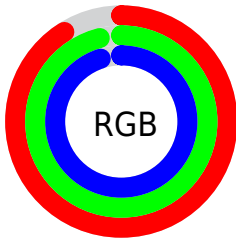
Format	Color
R_{YB}	233, 239, 244
Decimal	15332595
CIE _{Lab}	95.37, -3.78, -0.78
CIE _{LCh}	95, 3.861, 191.626
Yxy	88.4961, 0.3063, 0.3300
Android (android.graphics.Color)	4293522675 (0xFFE9F4F3)
YUV	240.5970, 1.1847, -6.6626
Hunter-Lab	94.0724, -8.7671, 4.3793

Details

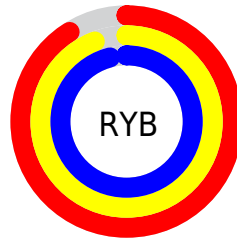
The Yxy color **88.4961, 0.3063, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.4776, 0.3195, 0.3280**, and the grayscale version is **87.6304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9014, 0.3045, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **84.5372, 0.2925, 0.3324**, and if you desaturate by 10%, it is **92.5659, 0.3191, 0.3278**.

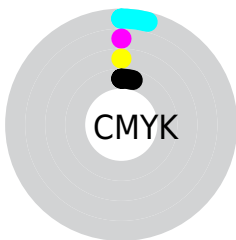
Distribution



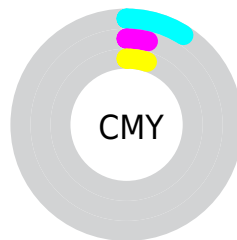
- Red (91%)
- Green (96%)
- Blue (95%)



- Red (91%)
- Yellow (94%)
- Blue (96%)



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



- Cyan (9%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4961, 0.3063, 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 88.4961, 0.3063, 0.3300 by changing the saturation by 10% instead.

88.4961, 0.3063,
0.3300

88.4961, 0.3063,
0.3300

523.1265, 0.3092,
0.3296

66.7340, 0.3057,
0.3301

145.2476, 0.3073,
0.3299

48.8685, 0.3049,
0.3302

181.0059, 0.3077,
0.3298

34.5152, 0.3039,
0.3303

222.1983, 0.3080,
0.3297

23.2896, 0.3027,
0.3305

269.2092, 0.3083,
0.3297

14.8075, 0.3011,
0.3308

322.4231, 0.3085,
0.3297

8.6844, 0.2988,
0.3311

382.2244, 0.3088,

4.5359, 0.2955,

0.3296

0.3316

448.9974, 0.3090,
0.3296

■ 1.9776, 0.2901,
0.3323

■ 0.5944, 0.2672,
0.3361

■ 88.4961, 0.3063,
0.3300

■ 88.4961, 0.3063,
0.3300

■ 84.5372, 0.2925,
0.3324

■ 92.5659, 0.3191,
0.3278

■ 81.1209, 0.2795,
0.3350

■ 92.7044, 0.3177,
0.3257


■ 78.2261, 0.2677,
0.3378


■ 92.8446, 0.3164,
0.3235

■ 75.8263, 0.2573,
0.3407


■ 92.9865, 0.3150,
0.3213


 73.8923, 0.2486,
0.3438


 93.1300, 0.3137,
0.3192

 72.3922, 0.2418,
0.3470

 93.1789, 0.3132,
0.3185

 71.2898, 0.2370,
0.3502

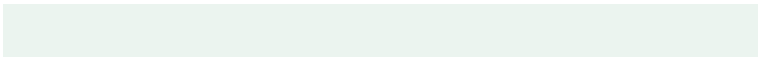
 70.5432, 0.2341,
0.3533

 70.1011, 0.2329,
0.3565

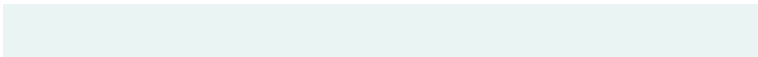
Harmonies

Analogous

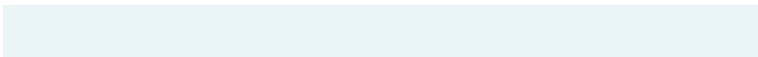
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4961, 0.3099, 0.3337



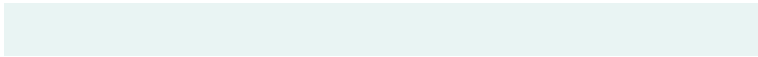
88.4961, 0.3063, 0.3300



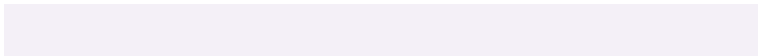
88.4961, 0.3044, 0.3261

Triad

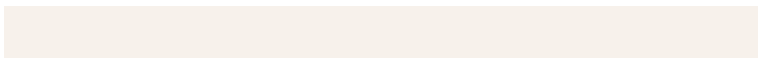
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4961, 0.3063, 0.3300



88.4961, 0.3111, 0.3221



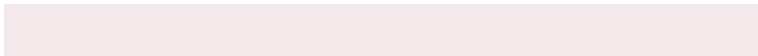
88.4961, 0.3208, 0.3350

Complementary

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



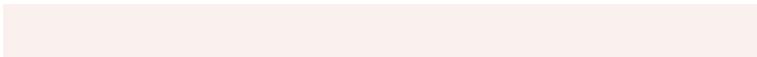
88.4961, 0.3063, 0.3300



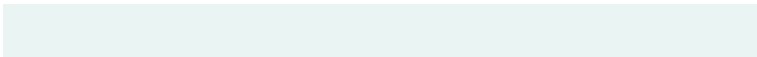
83.4776, 0.3195, 0.3280

Split Complementary

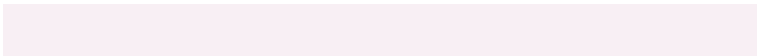
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4961, 0.3211, 0.3318



88.4961, 0.3063, 0.3300



88.4961, 0.3155, 0.3245

Square

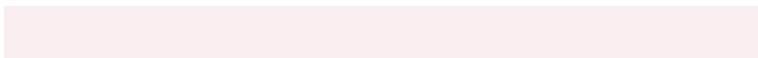
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



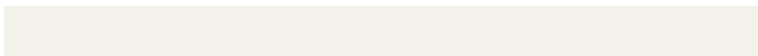
88.4961, 0.3063, 0.3300



88.4961, 0.3072, 0.3216



88.4961, 0.3192, 0.3280



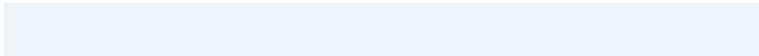
88.4961, 0.3183, 0.3365

Rectangle

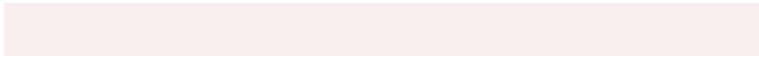
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



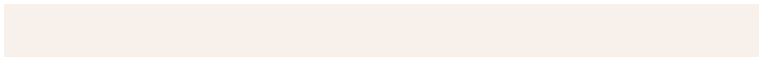
88.4961, 0.3063, 0.3300



88.4961, 0.3044, 0.3239



88.4961, 0.3192, 0.3280



88.4961, 0.3212, 0.3341

Sweetspot

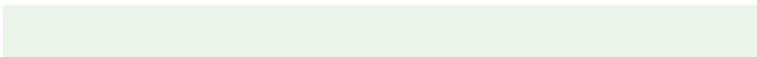
The Sweet Spot groups the original color and five complimentary colors.



88.4999, 0.3063, 0.3300



99.5044, 0.3113, 0.3292



88.1003, 0.3129, 0.3402



21.3033, 0.3113, 0.3292



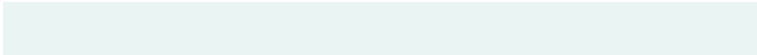
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.4999, 0.3063, 0.3300



97.5860, 0.3056, 0.3301



85.9555, 0.3058, 0.3245



19.0644, 0.3046, 0.3303



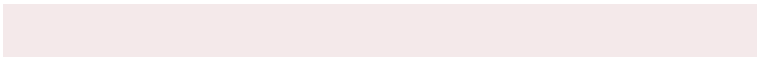
38.0448, 0.2327, 0.3577



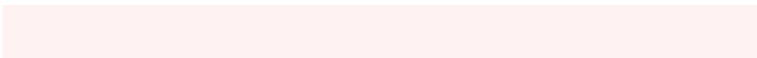
3.3513, 0.2316, 0.3537

Inverse Universe

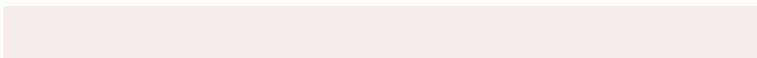
The Inverse Universe completely reimagines the original color for something new.



83.4776, 0.3195, 0.3280



91.4100, 0.3203, 0.3279



85.9320, 0.3198, 0.3334



17.6958, 0.3215, 0.3277



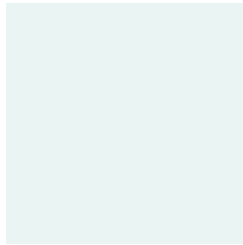
10.4989, 0.6297, 0.3243



0.9310, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 88.4961, 0.3063, 0.3300 looks on a white background.

Color Contrast Check

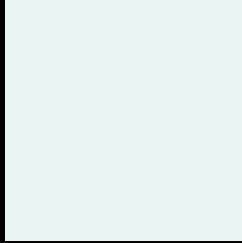
Large Text (above 18pt) WCAG AA × Fail

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 88.4961, 0.3063, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

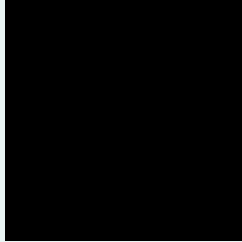
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

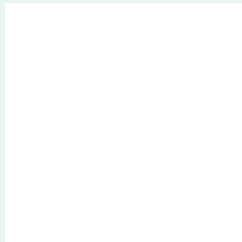
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4961, 0.3063, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 88.4961, 0.3063, 0.3300.

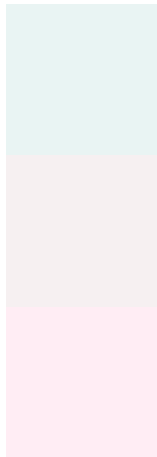


This preview shows how white text looks on a background with the Yxy color 88.4961, 0.3063, 0.3300.

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



Original Color

88.4961, 0.3063, 0.3300

Protanopia

88.2639, 0.3161, 0.3280

Deuteranopia

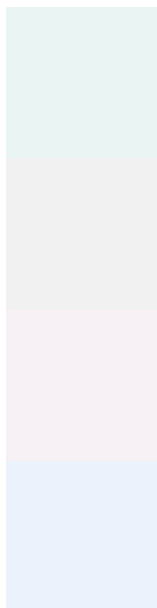
88.3600, 0.3204, 0.3222



Tritanopia

88.3077, 0.3025, 0.3151

Trichromacy



Original Color

88.4961, 0.3063, 0.3300

Protanomaly

88.0222, 0.3121, 0.3280

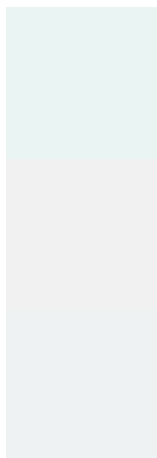
Deuteranomaly

88.6260, 0.3149, 0.3251

Tritanomaly

88.3022, 0.3035, 0.3200

Monochromacy



Original Color

88.4961, 0.3063, 0.3300

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.0922, 0.3101, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4961, 0.3063, 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(233, 244, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 244, 243)  
}
```

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(233, 244, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 244, 243) }
```

Border

The CSS property to change the border of an element to Yxy 88.4961, 0.3063, 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(233, 244, 243) }
```

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

```
.border{ border-color:rgb(233, 244, 243) }
```

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

Here you see how a box with a 4 pixel rgb(233, 244, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 244, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 244, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 244,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4961, 0.3063, 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(233, 244, 243) }
```

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

```
.background{ background-color: rgb(233,  
244, 243) }
```

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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