

Converting Colors

$Yxy(88.1626, 0.3071, 0.3250)$

Have a look what the booklet for
Yxy(88.1626, 0.3071, 0.3250)
contains.

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Color

Yxy(88.1626, 0.3071, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2F6
RGB	237, 242, 246
RGB Percent	93%, 95%, 96%
CMY	0.0706, 0.0509, 0.0354
CMYK	0.04, 0.02, 0.00, 0.04
HSL	207°, 33%, 95%
HSV	207°, 4%, 96%
XYZ	83.3069, 88.1626, 99.8001
YIQ	240.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

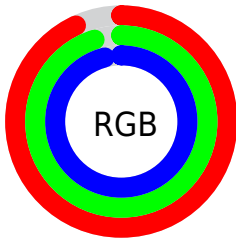
Format	Color
R _Y B	237, 240, 246
Decimal	15594230
CIE Lab	95.23, -0.93, -2.50
CIE LCh	95, 2.671, 249.518
Yxy	88.1626, 0.3071, 0.3250
Android (android.graphics.Color)	4293784310 (0xFFEDF2F6)
YUV	240.9610, 2.4842, -3.4738
Hunter-Lab	93.8949, -5.9447, 2.7077

Details

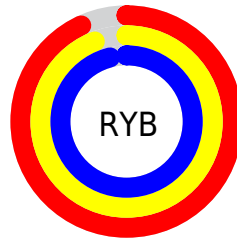
The Yxy color **88.1626, 0.3071, 0.3250** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.5929, 0.3184, 0.3330**, and the grayscale version is **87.9140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6593, 0.3055, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **77.9403, 0.2914, 0.3132**, and if you desaturate by 10%, it is **98.0863, 0.3181, 0.3356**.

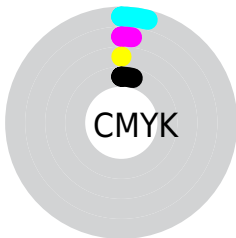
Distribution



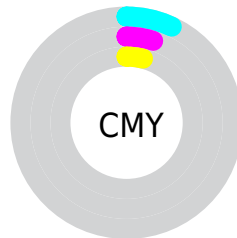
- Red (93%)
- Green (95%)
- Blue (96%)



- Red (93%)
- Yellow (94%)
- Blue (96%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1626, 0.3071, 0.3250 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 88.1626, 0.3071, 0.3250 by changing the saturation by 10% instead.

88.1626, 0.3071,
0.3250

88.1626, 0.3071,
0.3250

522.0356, 0.3096,
0.3268

66.4577, 0.3065,
0.3246

144.7835, 0.3080,
0.3256

48.6441, 0.3059,
0.3241

180.4683, 0.3083,
0.3259

34.3372, 0.3050,
0.3235

221.5820, 0.3086,
0.3261

23.1528, 0.3040,
0.3227

268.5088, 0.3088,
0.3263

14.7064, 0.3025,
0.3217

321.6331, 0.3091,
0.3264

8.6136, 0.3006,
0.3203

381.3394, 0.3093,

4.4900, 0.2976,

0.3266

0.3181

448.0121, 0.3095,
0.3267

■ 1.9513, 0.2928,
0.3146

■ 0.5789, 0.2759,
0.3028

■ 88.1626, 0.3071,
0.3250

■ 88.1626, 0.3071,
0.3250

■ 77.9403, 0.2914,
0.3132

■ 98.0863, 0.3181,
0.3356

■ 68.6493, 0.2754,
0.3001

■ 99.4328, 0.3179,
0.3376

■ 60.2615, 0.2593,
0.2858

■ 52.7430, 0.2436,
0.2703

■ 46.0571, 0.2287,
0.2539

■ 40.1641, 0.2150,
0.2368

■ 35.0199, 0.2031,
0.2193

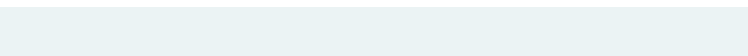
■ 30.5743, 0.1932,
0.2020

■ 26.7677, 0.1857,
0.1852

Harmonies

Analogous

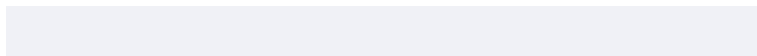
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1626, 0.3070, 0.3272



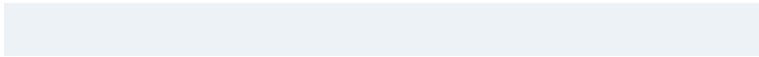
88.1626, 0.3071, 0.3250



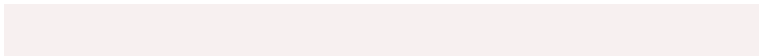
88.1626, 0.3087, 0.3239

Triad

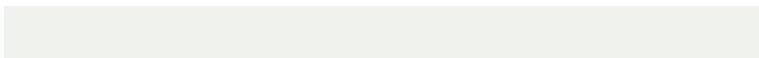
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1626, 0.3071, 0.3250



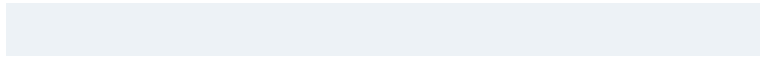
88.1626, 0.3170, 0.3281



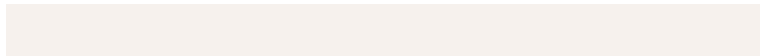
88.1626, 0.3140, 0.3339

Complementary

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



88.1626, 0.3071, 0.3250



88.5929, 0.3184, 0.3330

Split Complementary

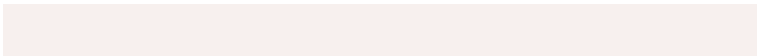
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1626, 0.3167, 0.3342



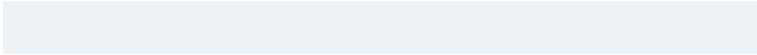
88.1626, 0.3071, 0.3250



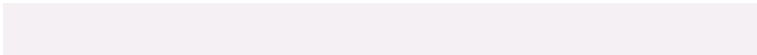
88.1626, 0.3185, 0.3308

Square

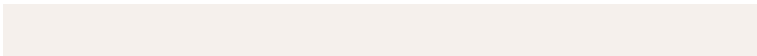
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



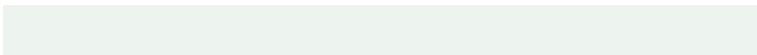
88.1626, 0.3071, 0.3250



88.1626, 0.3144, 0.3257



88.1626, 0.3184, 0.3330



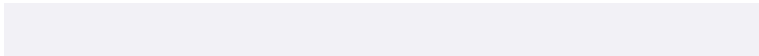
88.1626, 0.3110, 0.3324

Rectangle

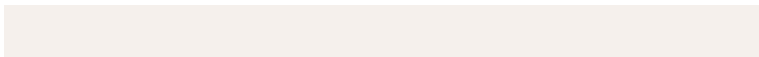
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1626, 0.3071, 0.3250



88.1626, 0.3104, 0.3239



88.1626, 0.3184, 0.3330



88.1626, 0.3150, 0.3342

Sweetspot

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



88.1664, 0.3071, 0.3250



98.8029, 0.3112, 0.3279



90.2484, 0.3100, 0.3341



21.1605, 0.3113, 0.3280



0.0000, 0.0000, 0.0000



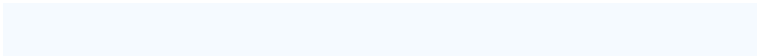
21.4041, 0.3127, 0.3290

Same Dimension

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



88.1664, 0.3071, 0.3250



95.2750, 0.3066, 0.3246



85.5669, 0.3072, 0.3205



18.5073, 0.3054, 0.3238



13.4339, 0.1827, 0.1776



1.3854, 0.1884, 0.1982

Inverse Universe

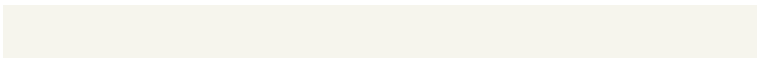
The Inverse Universe completely reimagines the original color for something new.



86.5646, 0.3156, 0.3240



93.3770, 0.3159, 0.3235



91.2408, 0.3181, 0.3373



18.0710, 0.3165, 0.3225



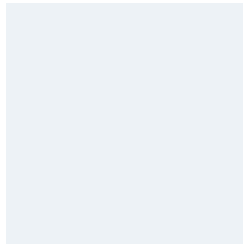
11.4555, 0.4715, 0.2371



1.0275, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 88.1626, 0.3071, 0.3250 looks on a white background.

Color Contrast Check

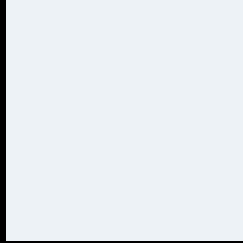
Large Text (above 18pt) WCAG AA × Fail

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 88.1626, 0.3071, 0.3250 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

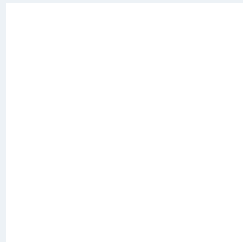
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1626, 0.3071, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 88.1626, 0.3071, 0.3250.

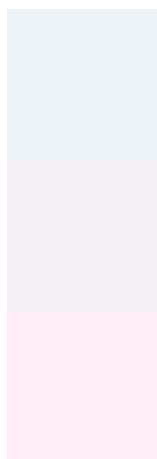


This preview shows how white text looks on a background with the Yxy color 88.1626, 0.3071, 0.3250.

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

88.1626, 0.3071, 0.3250

Protanopia

88.1458, 0.3123, 0.3240

Deuteranopia

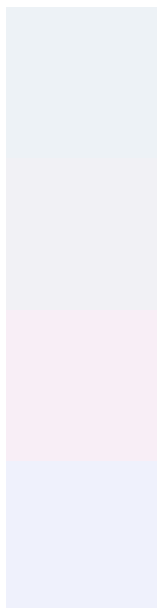
87.9047, 0.3192, 0.3193



Tritanopia

88.0654, 0.3037, 0.3142

Trichromacy



Original Color

88.1626, 0.3071, 0.3250

Protanomaly

88.2039, 0.3103, 0.3250

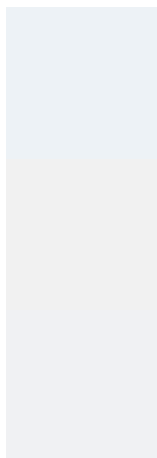
Deuteranomaly

87.7594, 0.3144, 0.3211

Tritanomaly

88.2896, 0.3048, 0.3181

Monochromacy



Original Color

88.1626, 0.3071, 0.3250

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9069, 0.3109, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1626, 0.3071, 0.3250 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(237, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 246)  
}
```

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(237, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 246) }
```

Border

The CSS property to change the border of an element to Yxy 88.1626, 0.3071, 0.3250 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(237, 242, 246) }
```

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

```
.border{ border-color:rgb(237, 242, 246) }
```

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

Here you see how a box with a 4 pixel rgb(237, 242, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1626, 0.3071, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 246) }
```

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

```
.background{ background-color: rgb(237,  
242, 246) }
```

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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