

Converting Colors

$Yxy(88.2861, 0.3063, 0.3238)$

Have a look what the booklet for
Yxy(88.2861, 0.3063, 0.3238)
contains.

Yxy(88.2242, 0.3065, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.2242, 0.3065, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	EDF2F7
RGB	237, 242, 247
RGB Percent	93%, 95%, 97%
CMY	0.0707, 0.0509, 0.0314
CMYK	0.04, 0.02, 0.00, 0.03
HSL	210°, 38%, 95%
HSV	210°, 4%, 97%
XYZ	83.4590, 88.2242, 100.6137
YIQ	241.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

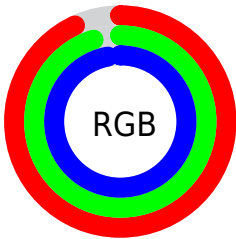
Format	Color
R _Y B	237, 240, 247
Decimal	15594231
CIE Lab	95.26, -0.76, -2.98
CIE LCh	95, 3.078, 255.799
Yxy	88.2242, 0.3065, 0.3240
Android (android.graphics.Color)	4293784311 (0xFFEDF2F7)
YUV	241.0750, 2.9210, -3.5738
Hunter-Lab	93.9277, -5.7683, 2.2390

Details

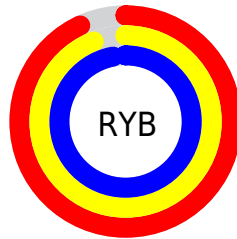
The Yxy color 88.2242, 0.3065, 0.3240 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3632, 0.3190, 0.3339, and the grayscale version is 88.0043, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 48.7032, 0.3048, 0.3226 is the 20% darker color. If you saturate the color by 10%, you get 77.1993, 0.2907, 0.3106, and if you desaturate by 10%, it is 99.0437, 0.3174, 0.3360.

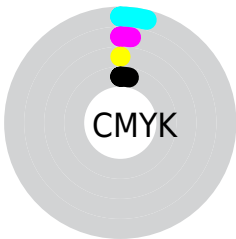
Distribution



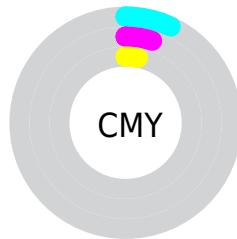
- Red (93%)
- Green (95%)
- Blue (97%)



- Red (93%)
- Yellow (94%)
- Blue (97%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2242, 0.3065, 0.3240 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 88.2242, 0.3065, 0.3240 by changing the saturation by 10% instead.

88.2242, 0.3065,
0.3240

88.2242, 0.3065,
0.3240

522.2372, 0.3093,
0.3262

66.5088, 0.3059,
0.3235

144.8693, 0.3074,
0.3248

48.6855, 0.3051,
0.3229

180.5677, 0.3078,
0.3251

34.3701, 0.3042,
0.3221

221.6958, 0.3081,
0.3253

23.1780, 0.3030,
0.3212

268.6382, 0.3084,
0.3256

14.7250, 0.3014,
0.3199

321.7791, 0.3087,
0.3258

8.6266, 0.2993,
0.3181

381.5030, 0.3089,

4.4985, 0.2960,

0.3259

0.3154

448.1942, 0.3091,
0.3261

■ 1.9561, 0.2907,
0.3111

■ 0.5818, 0.2729,
0.2971

■ 88.2242, 0.3065,
0.3240

■ 88.2242, 0.3065,
0.3240

■ 77.1993, 0.2907,
0.3106

■ 99.0437, 0.3174,
0.3360

■ 67.2135, 0.2744,
0.2958

■ 99.4946, 0.3174,
0.3367

■ 58.2355, 0.2579,
0.2795

■ 50.2277, 0.2416,
0.2619

■ 43.1498, 0.2260,
0.2432

■ 36.9580, 0.2116,
0.2237

■ 31.6040, 0.1989,
0.2041

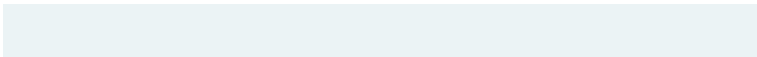
■ 27.0331, 0.1884,
0.1847

■ 23.1806, 0.1804,
0.1662

Harmonies

Analogous

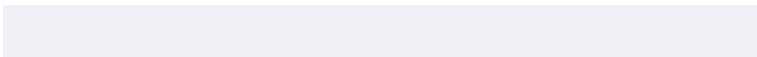
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2242, 0.3060, 0.3263



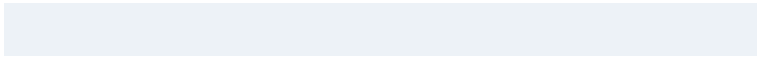
88.2242, 0.3065, 0.3240



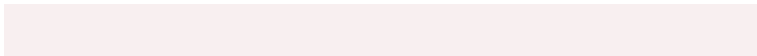
88.2242, 0.3087, 0.3230

Triad

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



88.2242, 0.3065, 0.3240



88.2242, 0.3182, 0.3286



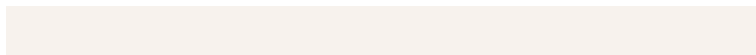
88.2242, 0.3135, 0.3344

Complementary

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



88.2242, 0.3065, 0.3240



89.3632, 0.3190, 0.3339

Split Complementary

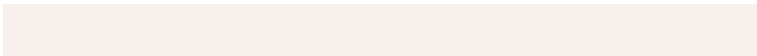
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2242, 0.3168, 0.3350



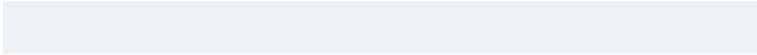
88.2242, 0.3065, 0.3240



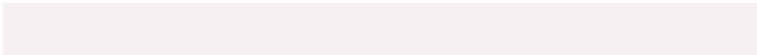
88.2242, 0.3195, 0.3317

Square

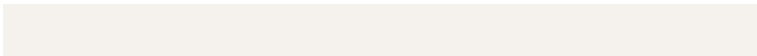
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



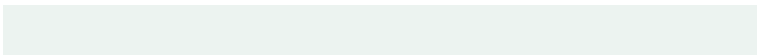
88.2242, 0.3065, 0.3240



88.2242, 0.3154, 0.3257



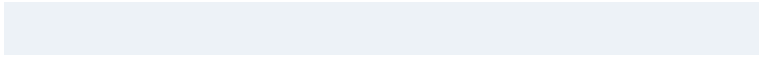
88.2242, 0.3190, 0.3340



88.2242, 0.3100, 0.3324

Rectangle

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



88.2242, 0.3065, 0.3240



88.2242, 0.3108, 0.3233



88.2242, 0.3190, 0.3340



88.2242, 0.3147, 0.3348

Sweetspot

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



88.2280, 0.3065, 0.3240



98.7133, 0.3112, 0.3278



90.9147, 0.3094, 0.3342



21.1423, 0.3113, 0.3278



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.



88.2280, 0.3065, 0.3240



93.6836, 0.3050, 0.3228



85.3708, 0.3066, 0.3191



18.1977, 0.3040, 0.3219



11.4865, 0.1774, 0.1586



1.2152, 0.1837, 0.1812

Inverse Universe

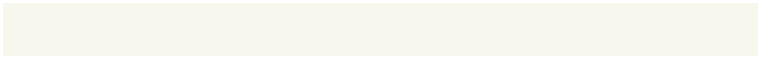
The Inverse Universe completely reimagines the original color for something new.



86.7414, 0.3163, 0.3240



91.7316, 0.3171, 0.3228



92.2965, 0.3187, 0.3387



17.7670, 0.3178, 0.3220



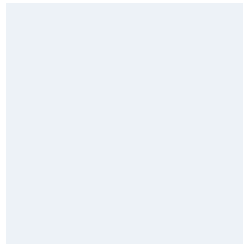
11.2589, 0.4948, 0.2500



1.0103, 0.4671, 0.2347

Previews

White Background



This preview shows how the Yxy color 88.2242, 0.3065, 0.3240 looks on a white background.

Color Contrast Check

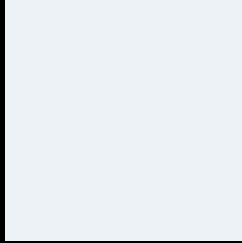
Large Text (above 18pt) WCAG AA × Fail

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 88.2242, 0.3065, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

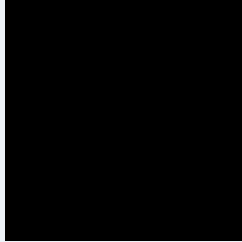
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

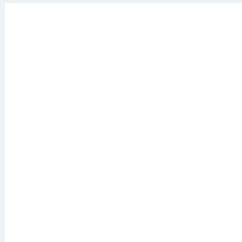
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2242, 0.3065, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 88.2242, 0.3065, 0.3240.

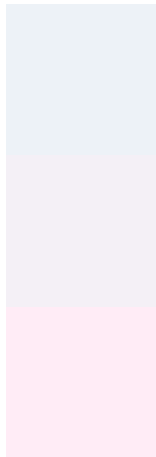


This preview shows how white text looks on a background with the Yxy color 88.2242, 0.3065, 0.3240.

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

88.2242, 0.3065, 0.3240

Protanopia

88.2071, 0.3117, 0.3231

Deuteranopia

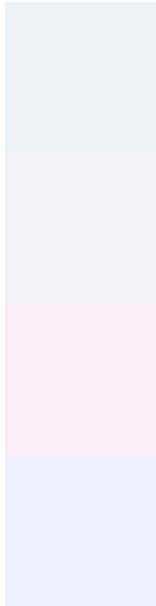
87.9047, 0.3192, 0.3193



Tritanopia

87.8909, 0.3031, 0.3141

Trichromacy



Original Color

88.2242, 0.3065, 0.3240

Protanomaly

88.2652, 0.3097, 0.3240

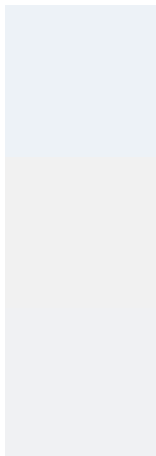
Deuteranomaly

87.7594, 0.3144, 0.3211

Tritanomaly

88.1160, 0.3042, 0.3180

Monochromacy



Original Color

88.2242, 0.3065, 0.3240

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 88.2242, 0.3065, 0.3240 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 247) }
```

Border

The CSS property to change the border of an element to Yxy 88.2242, 0.3065, 0.3240 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, 247) }
```

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

```
.border{ border-color:rgb(237, 242, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2242, 0.3065, 0.3240 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, 247) }
```

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

```
.background{ background-color: rgb(237,  
242, 247) }
```

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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