

Converting Colors

$Yxy(88.1577, 0.3158, 0.3262)$

Have a look what the booklet for
Yxy(88.1577, 0.3158, 0.3262)
contains.

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Color

Yxy(87.9180, 0.3162, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F7EFF2
RGB	247, 239, 242
RGB Percent	97%, 94%, 95%
CMY	0.0310, 0.0628, 0.0509
CMYK	0.00, 0.03, 0.02, 0.03
HSL	337°, 34%, 95%
HSV	337°, 3%, 97%
XYZ	85.2751, 87.9180, 96.4941
YIQ	241.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

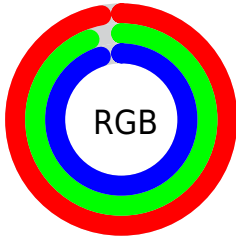
Format	Color
R _{YB}	247, 239, 242
Decimal	16248818
CIE Lab	95.13, 3.25, -0.51
CIE LCh	95, 3.288, 351.079
Yxy	87.9180, 0.3162, 0.3260
Android (android.graphics.Color)	4294438898 (0xFF7EFF2)
YUV	241.7340, 0.1311, 4.6183
Hunter-Lab	93.7646, -1.7496, 4.6193

Details

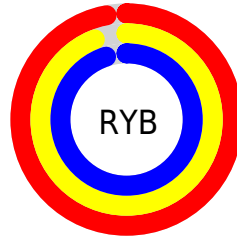
The Yxy color **87.9180, 0.3162, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.4541, 0.3094, 0.3320**, and the grayscale version is **88.5799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.4885, 0.3171, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **73.5424, 0.3284, 0.3165**, and if you desaturate by 10%, it is **98.5294, 0.3078, 0.3290**.

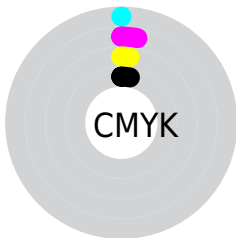
Distribution



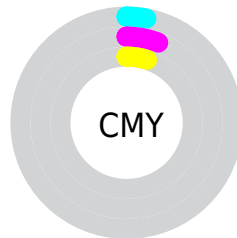
- Red (97%)
- Green (94%)
- Blue (95%)



- Red (97%)
- Yellow (94%)
- Blue (95%)



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





- Cyan (3%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.9180, 0.3162, 0.3260 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 87.9180, 0.3162, 0.3260 by changing the saturation by 10% instead.

 87.9180, 0.3162,
0.3260

 87.9180, 0.3162,
0.3260


521.2347, 0.3146,
0.3273

 66.2552, 0.3165,
0.3257


144.4430, 0.3157,
0.3265

 48.4796, 0.3170,
0.3253

180.0739, 0.3155,
0.3266

 34.2068, 0.3175,
0.3249


221.1297, 0.3153,
0.3268

 23.0525, 0.3181,
0.3243

267.9947, 0.3151,
0.3269

 14.6323, 0.3190,
0.3235

321.0533, 0.3150,
0.3271

 8.5617, 0.3203,
0.3225

380.6899, 0.3149,

 4.4564, 0.3221,

0.3272

0.3209

447.2889, 0.3147,
0.3273

■ 1.9320, 0.3251,
0.3183

■ 0.5675, 0.3363,
0.3085

■ 87.9180, 0.3162,
0.3260

■ 87.9180, 0.3162,
0.3260

■ 73.5424, 0.3284,
0.3165

■ 98.5294, 0.3078,
0.3290

■ 61.1372, 0.3432,
0.3064

■ 50.6190, 0.3612,
0.2961

■ 41.8943, 0.3829,
0.2862

■ 34.8612, 0.4083,
0.2772

■ 29.4078, 0.4374,
0.2704

■ 25.4082, 0.4692,
0.2671

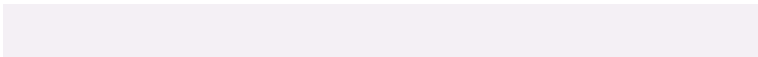
■ 22.7173, 0.5019,
0.2683

■ 21.1591, 0.5331,
0.2749

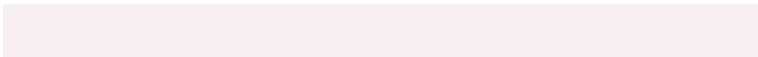
Harmonies

Analogous

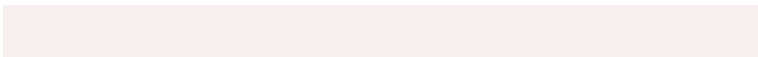
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9180, 0.3125, 0.3236



87.9180, 0.3162, 0.3260



87.9180, 0.3189, 0.3292

Triad

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



87.9180, 0.3162, 0.3260



87.9180, 0.3165, 0.3355



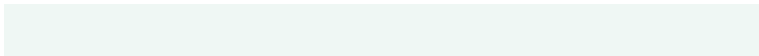
87.9180, 0.3055, 0.3256

Complementary

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



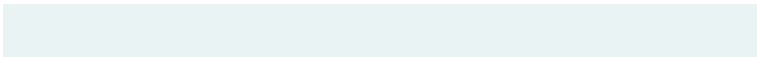
87.9180, 0.3162, 0.3260



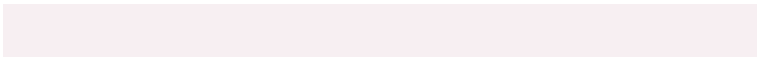
91.4541, 0.3094, 0.3320

Split Complementary

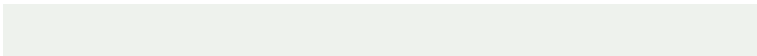
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9180, 0.3065, 0.3288



87.9180, 0.3162, 0.3260



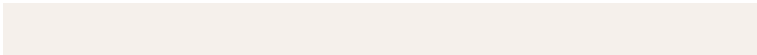
87.9180, 0.3129, 0.3345

Square

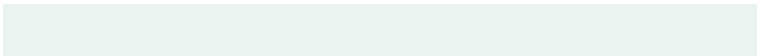
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9180, 0.3162, 0.3260



87.9180, 0.3191, 0.3347



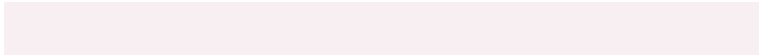
87.9180, 0.3092, 0.3321



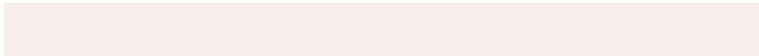
87.9180, 0.3064, 0.3234

Rectangle

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



87.9180, 0.3162, 0.3260



87.9180, 0.3199, 0.3314



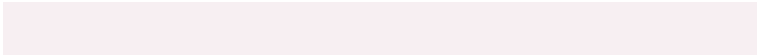
87.9180, 0.3092, 0.3321



87.9180, 0.3056, 0.3266

Sweetspot

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



87.9218, 0.3162, 0.3260



98.2816, 0.3138, 0.3281



87.6699, 0.3111, 0.3210



21.0544, 0.3137, 0.3281



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.



87.9218, 0.3162, 0.3260



93.2602, 0.3170, 0.3253



88.2956, 0.3180, 0.3300



18.0440, 0.3178, 0.3246



10.8982, 0.5480, 0.2792



0.9771, 0.5139, 0.2605

Inverse Universe

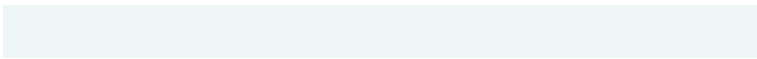
The Inverse Universe completely reimagines the original color for something new.



87.9218, 0.3162, 0.3260



93.2602, 0.3170, 0.3253



91.0633, 0.3076, 0.3280



18.0440, 0.3178, 0.3246



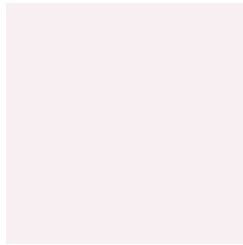
10.8982, 0.5480, 0.2792



0.9771, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 87.9180, 0.3162, 0.3260 looks on a white background.

Color Contrast Check

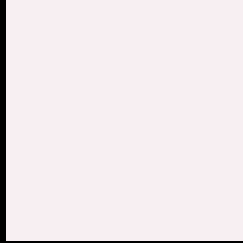
Large Text (above 18pt) WCAG AA × Fail

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 87.9180, 0.3162, 0.3260 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

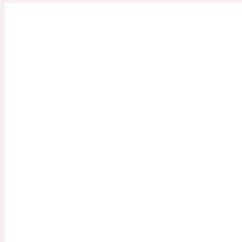
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.9180, 0.3162, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 87.9180, 0.3162, 0.3260.

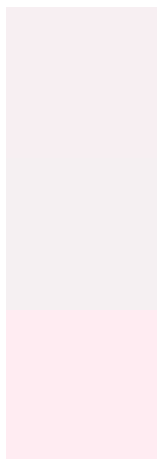


This preview shows how white text looks on a background with the Yxy color 87.9180, 0.3162, 0.3260.

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

87.9180, 0.3162, 0.3260

Protanopia

88.1435, 0.3148, 0.3270

Deuteranopia

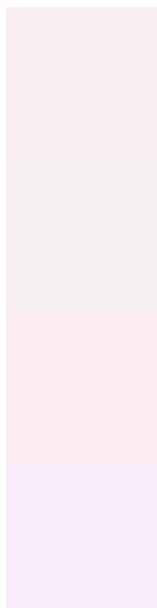
87.6617, 0.3217, 0.3232



Tritanopia

87.9281, 0.3096, 0.3115

Trichromacy



Original Color

87.9180, 0.3162, 0.3260

Protanomaly

88.3238, 0.3154, 0.3270

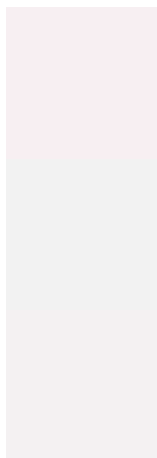
Deuteranomaly

87.6746, 0.3196, 0.3241

Tritanomaly

88.0077, 0.3120, 0.3172

Monochromacy



Original Color

87.9180, 0.3162, 0.3260

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.5545, 0.3141, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9180, 0.3162, 0.3260 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(247, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 242)  
}
```

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(247, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 242) }
```

Border

The CSS property to change the border of an element to Yxy 87.9180, 0.3162, 0.3260 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(247, 239, 242) }
```

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

```
.border{ border-color:rgb(247, 239, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9180, 0.3162, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 242) }
```

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

```
.background{ background-color: rgb(247,  
239, 242) }
```

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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