

Converting Colors

Yxy(87.2082, 0.3108, 0.3141)

Have a look what the booklet for
Yxy(87.2082, 0.3108, 0.3141)
contains.

Yxy(87.5531, 0.3108, 0.3143)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(87.5531, 0.3108, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	F8EDFC
RGB	248, 237, 252
RGB Percent	97%, 93%, 99%
CMY	0.0273, 0.0706, 0.0117
CMYK	0.02, 0.06, 0.00, 0.01
HSL	284°, 71%, 96%
HSV	284°, 6%, 99%
XYZ	86.5781, 87.5531, 104.4342
YIQ	241.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

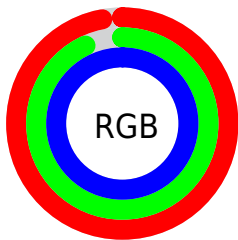
Format	Color
R _Y B	248, 237, 252
Decimal	16313852
CIE Lab	94.97, 6.36, -5.91
CIE LCh	95, 8.676, 317.100
Yxy	87.5531, 0.3108, 0.3143
Android (android.graphics.Color)	4294503932 (0xFFF8EDFC)
YUV	241.9990, 4.9305, 5.2629
Hunter-Lab	93.5698, 1.4150, -0.6753

Details

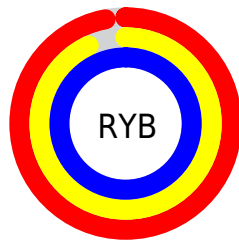
The Yxy color **87.5531, 0.3108, 0.3143** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.4297, 0.3145, 0.3439**, and the grayscale version is **88.7583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.1943, 0.3110, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **72.7824, 0.3070, 0.2885**, and if you desaturate by 10%, it is **99.7500, 0.3142, 0.3319**.

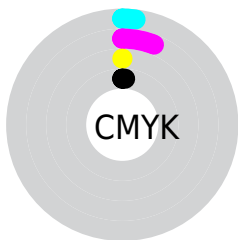
Distribution



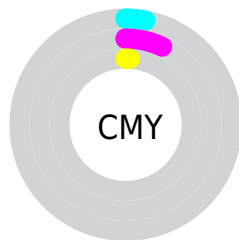
- Red (97%)
- Green (93%)
- Blue (99%)



- Red (97%)
- Yellow (93%)
- Blue (99%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.5531, 0.3108, 0.3143 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 87.5531, 0.3108, 0.3143 by changing the saturation by 10% instead.

 87.5531, 0.3108,
0.3143

 87.5531, 0.3108,
0.3143


520.0386, 0.3117,
0.3208

 65.9530, 0.3106,
0.3129


143.9348, 0.3111,
0.3165

 48.2343, 0.3103,
0.3111


179.4852, 0.3112,
0.3174

 34.0124, 0.3100,
0.3090


220.4546, 0.3113,
0.3181

 22.9032, 0.3096,
0.3063

267.2272, 0.3114,
0.3188

 14.5220, 0.3091,
0.3027

320.1875, 0.3115,
0.3194

 8.4846, 0.3083,
0.2977

379.7199, 0.3116,

 4.4066, 0.3070,

0.3199

0.2905

446.2088, 0.3116,
0.3204

■ 1.9035, 0.3049,
0.2790

■ 0.5505, 0.3026,
0.2455

■ 87.5531, 0.3108,
0.3143

■ 87.5531, 0.3108,
0.3143

■ 72.7824, 0.3070,
0.2885

99.7500, 0.3142,
0.3319

■ 60.0161, 0.3026,
0.2615

99.8086, 0.3144,
0.3319

■ 49.1666, 0.2974,
0.2343

■ 40.1352, 0.2915,
0.2076

■ 32.8144, 0.2849,
0.1825

■ 27.0851, 0.2780,
0.1604

■ 22.8126, 0.2707,
0.1422

■ 19.8395, 0.2635,
0.1286

■ 17.9707, 0.2565,
0.1198

Harmonies

Analogous

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



87.5531, 0.3016, 0.3123



87.5531, 0.3108, 0.3143



87.5531, 0.3207, 0.3201

Triad

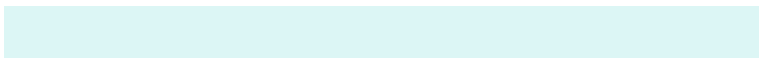
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5531, 0.3108, 0.3143



87.5531, 0.3303, 0.3433



87.5531, 0.2972, 0.3295

Complementary

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



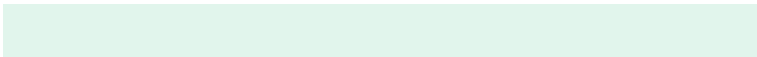
87.5531, 0.3108, 0.3143



94.4297, 0.3145, 0.3439

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.



87.5531, 0.3047, 0.3382



87.5531, 0.3108, 0.3143



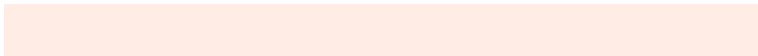
87.5531, 0.3238, 0.3462

Square

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



87.5531, 0.3108, 0.3143



87.5531, 0.3320, 0.3367



87.5531, 0.3144, 0.3443



87.5531, 0.2938, 0.3209

Rectangle

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



87.5531, 0.3108, 0.3143



87.5531, 0.3263, 0.3254



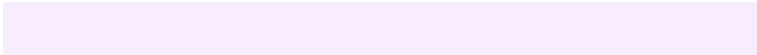
87.5531, 0.3144, 0.3443



87.5531, 0.2993, 0.3325

Sweetspot

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



87.5569, 0.3108, 0.3143



96.5349, 0.3121, 0.3241



87.9393, 0.3036, 0.3180



20.6987, 0.3121, 0.3244



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.



87.5569, 0.3108, 0.3143



88.2534, 0.3104, 0.3117



88.0683, 0.3156, 0.3178



17.8909, 0.3102, 0.3102



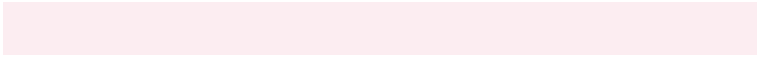
9.1446, 0.2549, 0.1178



0.8983, 0.2631, 0.1223

Inverse Universe

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



87.6078, 0.3203, 0.3251



88.3175, 0.3217, 0.3244



93.9474, 0.3100, 0.3405



17.9055, 0.3225, 0.3240



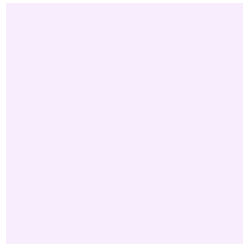
11.0087, 0.5890, 0.3018



1.0363, 0.5556, 0.2834

Previews

White Background



This preview shows how the Yxy color 87.5531, 0.3108, 0.3143 looks on a white background.

Color Contrast Check

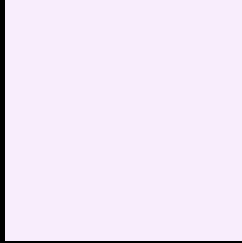
Large Text (above 18pt) WCAG AA × Fail

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 87.5531, 0.3108, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

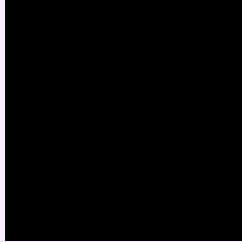
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

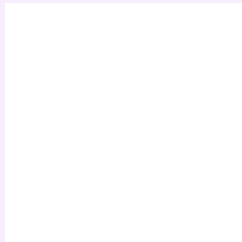
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.5531, 0.3108, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 87.5531, 0.3108, 0.3143.



This preview shows how white text looks on a background with the Yxy color 87.5531, 0.3108, 0.3143.

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

87.5531, 0.3108, 0.3143

Protanopia

87.5256, 0.3056, 0.3151

Deuteranopia

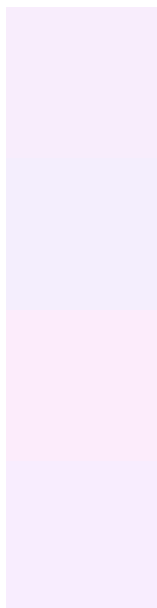
87.5788, 0.3167, 0.3145



Tritanopia

87.7448, 0.3089, 0.3114

Trichromacy



Original Color

87.5531, 0.3108, 0.3143

Protanomaly

87.4740, 0.3075, 0.3142

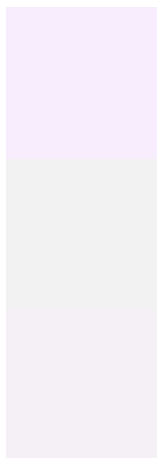
Deuteranomaly

87.6514, 0.3141, 0.3144

Tritanomaly

87.6806, 0.3096, 0.3124

Monochromacy



Original Color

87.5531, 0.3108, 0.3143

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.2071, 0.3117, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.5531, 0.3108, 0.3143 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(248, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 252)  
}
```

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(248, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 252) }
```

Border

The CSS property to change the border of an element to Yxy 87.5531, 0.3108, 0.3143 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(248, 237, 252) }
```

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

```
.border{ border-color:rgb(248, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 87.5531, 0.3108, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 252) }
```

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

```
.background{ background-color: rgb(248,  
237, 252) }
```

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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