

Converting Colors

$Yxy(89.7731, 0.3096, 0.3237)$

Have a look what the booklet for
Yxy(89.7731, 0.3096, 0.3237)
contains.

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Color

Yxy(89.9332, 0.3097, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F3F3F8
RGB	243, 243, 248
RGB Percent	95%, 95%, 97%
CMY	0.0473, 0.0470, 0.0275
CMYK	0.02, 0.02, 0.00, 0.03
HSL	239°, 26%, 96%
HSV	239°, 2%, 97%
XYZ	85.9374, 89.9332, 101.6154
YIQ	243.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

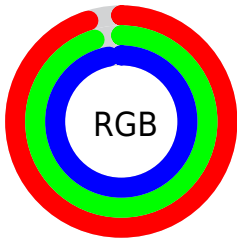
Format	Color
R _{YB}	243, 243, 248
Decimal	15987704
CIE Lab	95.97, 0.86, -2.40
CIE LCh	96, 2.547, 289.768
Yxy	89.9332, 0.3097, 0.3241
Android (android.graphics.Color)	4294177784 (0xFFFF3F3F8)
YUV	243.5700, 2.1840, -0.4999
Hunter-Lab	94.8331, -4.2019, 2.8529

Details

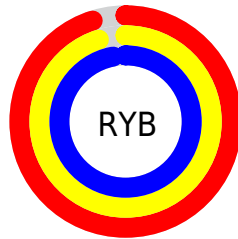
The Yxy color $89.9332, 0.3097, 0.3241$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $93.4874, 0.3157, 0.3339$, and the grayscale version is $90.0840, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.9112, 0.3089, 0.3227$ is the 20% darker color. If you saturate the color by 10%, you get $72.1822, 0.2936, 0.2979$, and if you desaturate by 10%, it is $99.5558, 0.3168, 0.3357$.

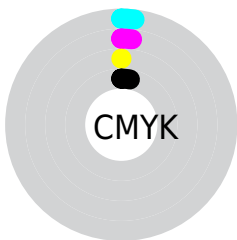
Distribution



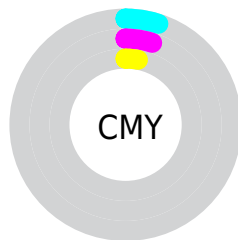
- Red (95%)
- Green (95%)
- Blue (97%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9332, 0.3097, 0.3241 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 89.9332, 0.3097, 0.3241 by changing the saturation by 10% instead.

 89.9332, 0.3097,
0.3241

 89.9332, 0.3097,
0.3241


527.8135, 0.3110,
0.3263

 67.9252, 0.3094,
0.3236


147.2456, 0.3102,
0.3248

 49.8369, 0.3090,
0.3230


183.3188, 0.3103,
0.3251

 35.2838, 0.3086,
0.3223


224.8493, 0.3105,
0.3254

 23.8816, 0.3080,
0.3214

272.2213, 0.3106,
0.3256

 15.2458, 0.3073,
0.3202

325.8194, 0.3108,
0.3258

 8.9921, 0.3062,
0.3185

386.0278, 0.3109,

 4.7360, 0.3046,

0.3260

0.3160

453.2311, 0.3110,
0.3261

■ 2.0932, 0.3021,
0.3120

■ 0.6608, 0.2954,
0.3008

■ 89.9332, 0.3097,
0.3241

■ 89.9332, 0.3097,
0.3241

■ 72.1822, 0.2936,
0.2979

■ 99.5558, 0.3168,
0.3357

■ 56.8612, 0.2754,
0.2683

■ 43.8681, 0.2555,
0.2356

■ 33.0888, 0.2342,
0.2007

■ 24.4002, 0.2126,
0.1653

■ 17.6665, 0.1922,
0.1315

■ 12.7366, 0.1746,
0.1022

■ 9.4367, 0.1614,
0.0799

■ 7.5593, 0.1533,
0.0661

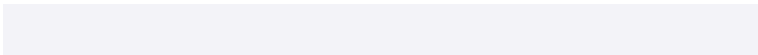
Harmonies

Analogous

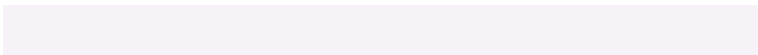
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9332, 0.3078, 0.3247



89.9332, 0.3097, 0.3241



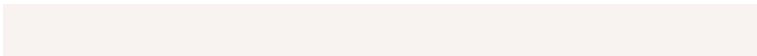
89.9332, 0.3124, 0.3248

Triad

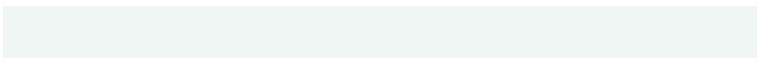
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9332, 0.3097, 0.3241



89.9332, 0.3183, 0.3315



89.9332, 0.3102, 0.3315

Complementary

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



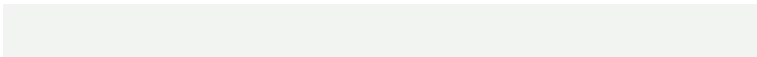
89.9332, 0.3097, 0.3241



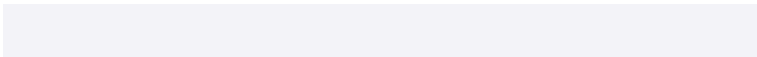
93.4874, 0.3157, 0.3339

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.



89.9332, 0.3130, 0.3333



89.9332, 0.3097, 0.3241



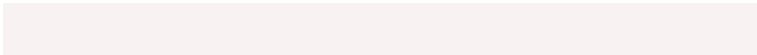
89.9332, 0.3177, 0.3333

Square

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



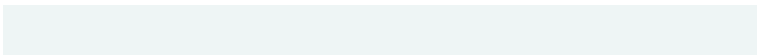
89.9332, 0.3097, 0.3241



89.9332, 0.3174, 0.3291



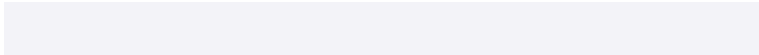
89.9332, 0.3157, 0.3340



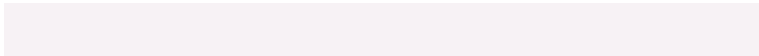
89.9332, 0.3080, 0.3290

Rectangle

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



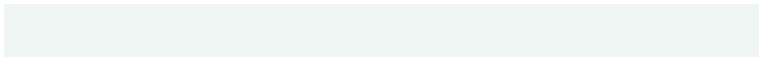
89.9332, 0.3097, 0.3241



89.9332, 0.3144, 0.3259



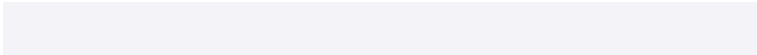
89.9332, 0.3157, 0.3340



89.9332, 0.3111, 0.3322

Sweetspot

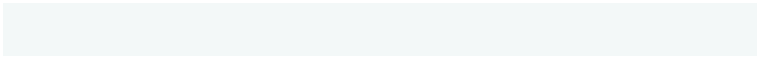
The Sweet Spot groups the original color and five complimentary colors.



89.9370, 0.3097, 0.3241



97.9304, 0.3112, 0.3266



92.9296, 0.3096, 0.3292



20.9829, 0.3113, 0.3267



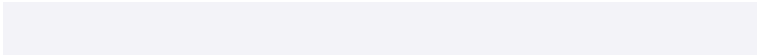
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

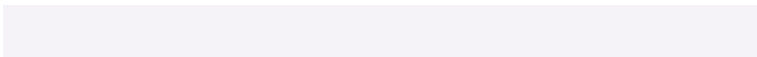
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9370, 0.3097, 0.3241



95.8880, 0.3097, 0.3242



90.3068, 0.3112, 0.3240



19.6904, 0.3099, 0.3244



3.7301, 0.1503, 0.0610



0.3615, 0.1510, 0.0635

Inverse Universe

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



90.4909, 0.3159, 0.3289



96.4703, 0.3159, 0.3289



93.1128, 0.3142, 0.3340



19.8037, 0.3157, 0.3289



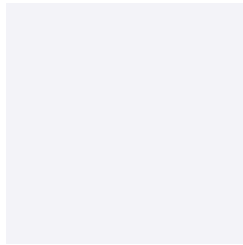
10.7875, 0.6383, 0.3290



1.0007, 0.6341, 0.3267

Previews

White Background



This preview shows how the Yxy color 89.9332, 0.3097, 0.3241 looks on a white background.

Color Contrast Check

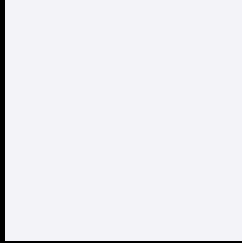
Large Text (above 18pt) WCAG AA × Fail

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 89.9332, 0.3097, 0.3241 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

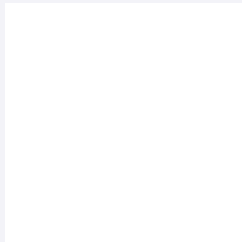
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9332, 0.3097, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 89.9332, 0.3097, 0.3241.

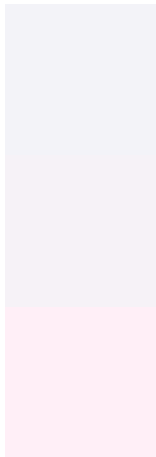


This preview shows how white text looks on a background with the Yxy color 89.9332, 0.3097, 0.3241.

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

89.9332, 0.3097, 0.3241

Protanopia

89.8125, 0.3123, 0.3241

Deuteranopia

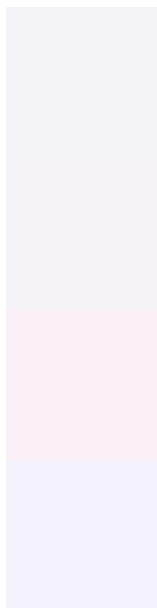
89.7084, 0.3184, 0.3213



Tritanopia

89.9574, 0.3062, 0.3163

Trichromacy



Original Color

89.9332, 0.3097, 0.3241

Protanomaly

89.6321, 0.3116, 0.3241

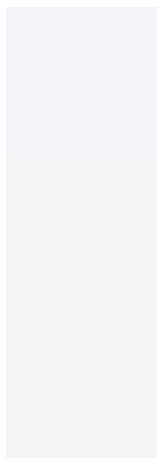
Deuteranomaly

89.5448, 0.3157, 0.3222

Tritanomaly

89.7656, 0.3080, 0.3192

Monochromacy



Original Color

89.9332, 0.3097, 0.3241

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5270, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9332, 0.3097, 0.3241 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(243, 243, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 248)  
}
```

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(243, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 248) }
```

Border

The CSS property to change the border of an element to Yxy 89.9332, 0.3097, 0.3241 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(243, 243, 248) }
```

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

```
.border{ border-color:rgb(243, 243, 248) }
```

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

Here you see how a box with a 4 pixel rgb(243, 243, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9332, 0.3097, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 248) }
```

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

```
.background{ background-color: rgb(243,  
243, 248) }
```

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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