

Converting Colors

$Yxy(96.4457, 0.3425, 0.3253)$

Have a look what the booklet for
Yxy(96.4457, 0.3425, 0.3253)
contains.

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Color

Yxy(89.5247, 0.3202, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF4
RGB	255, 239, 244
RGB Percent	100%, 94%, 96%
CMY	0.0002, 0.0627, 0.0432
CMYK	0.00, 0.06, 0.04, 0.00
HSL	341°, 99%, 97%
HSV	341°, 6%, 100%
XYZ	88.4201, 89.5247, 98.1955
YIQ	244.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

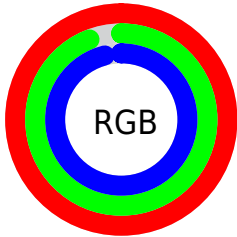
Format	Color
R _Y B	255, 239, 244
Decimal	16773108
CIE Lab	95.80, 6.21, -0.47
CIE LCh	96, 6.223, 355.647
Yxy	89.5247, 0.3202, 0.3242
Android (android.graphics.Color)	4294963188 (0xFFFFE0F4)
YUV	244.3540, -0.1745, 9.3365
Hunter-Lab	94.6175, 1.2278, 4.7002

Details

The Yxy color 89.5247, 0.3202, 0.3242 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.7453, 0.3058, 0.3339, and the grayscale version is 90.7592, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.5036, 0.3215, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 74.6206, 0.3344, 0.3161, and if you desaturate by 10%, it is 99.9908, 0.3127, 0.3290.

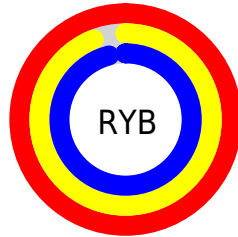
Distribution



Red (100%)

Green (94%)

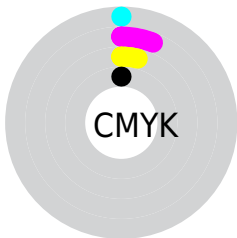
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

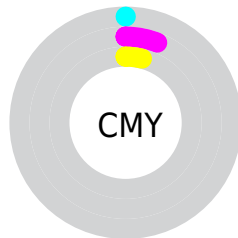


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5247, 0.3202, 0.3242 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 89.5247, 0.3202, 0.3242 by changing the saturation by 10% instead.


 89.5247, 0.3202,
0.3242

 89.5247, 0.3202,
0.3242

526.4835, 0.3169,
0.3263

 67.5865, 0.3209,
0.3237


146.6780, 0.3191,
0.3249

 49.5614, 0.3218,
0.3232


182.6619, 0.3186,
0.3252

 35.0650, 0.3229,
0.3224


224.0965, 0.3182,
0.3255

 23.7130, 0.3244,
0.3215

271.3661, 0.3179,
0.3257

 15.1208, 0.3262,
0.3203

324.8553, 0.3176,
0.3259

 8.9042, 0.3288,
0.3187

384.9483, 0.3173,

 4.6788, 0.3327,

0.3261

0.3162

452.0296, 0.3171,
0.3262

■ 2.0600, 0.3389,
0.3122

■ 0.6420, 0.3566,
0.3006

■ 89.5247, 0.3202,
0.3242

■ 89.5247, 0.3202,
0.3242

■ 74.6206, 0.3344,
0.3161

99.9908, 0.3127,
0.3290

■ 61.8292, 0.3518,
0.3076

■ 51.0577, 0.3730,
0.2991

■ 42.2018, 0.3985,
0.2910

■ 35.1477, 0.4284,
0.2842

■ 29.7694, 0.4623,
0.2797

■ 25.9248, 0.4984,
0.2789

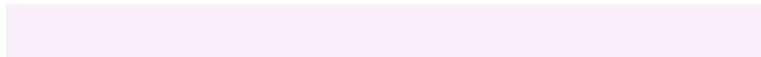
■ 23.4473, 0.5343,
0.2828

■ 22.1307, 0.5662,
0.2914

Harmonies

Analogous

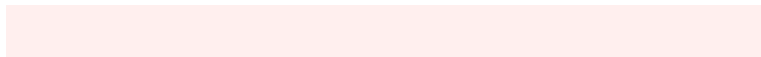
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5247, 0.3134, 0.3194



89.5247, 0.3202, 0.3242



89.5247, 0.3250, 0.3303

Triad

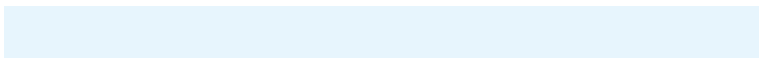
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5247, 0.3202, 0.3242



89.5247, 0.3189, 0.3412



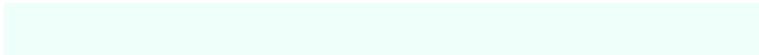
89.5247, 0.2992, 0.3217

Complementary

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



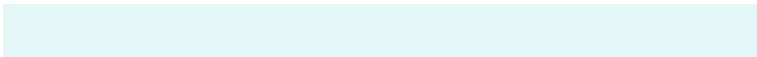
89.5247, 0.3202, 0.3242



96.7453, 0.3058, 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.



89.5247, 0.3006, 0.3276



89.5247, 0.3202, 0.3242



89.5247, 0.3119, 0.3389

Square

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



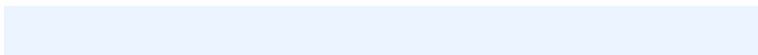
89.5247, 0.3202, 0.3242



89.5247, 0.3242, 0.3401



89.5247, 0.3052, 0.3339



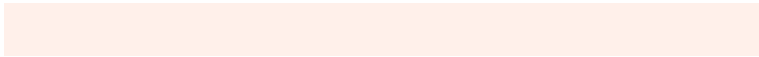
89.5247, 0.3013, 0.3180

Rectangle

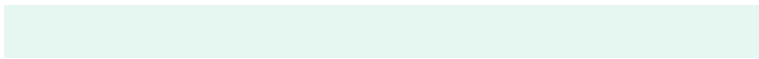
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



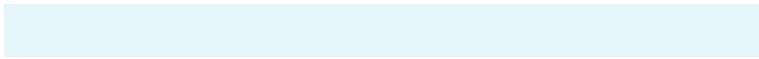
89.5247, 0.3202, 0.3242



89.5247, 0.3264, 0.3343



89.5247, 0.3052, 0.3339



89.5247, 0.2992, 0.3235

Sweetspot

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



89.5286, 0.3202, 0.3242



96.5650, 0.3150, 0.3275



89.2708, 0.3102, 0.3135



20.7049, 0.3149, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

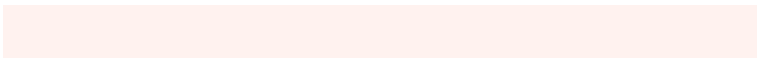
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5286, 0.3202, 0.3242



88.3689, 0.3212, 0.3236



90.9551, 0.3231, 0.3319



18.7108, 0.3220, 0.3231



11.4307, 0.5727, 0.2929



1.1316, 0.5407, 0.2752

Inverse Universe

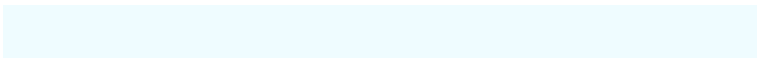
The Inverse Universe completely reimagines the original color for something new.



89.5286, 0.3202, 0.3242



88.3689, 0.3212, 0.3236



95.2123, 0.3030, 0.3261



18.7108, 0.3220, 0.3231



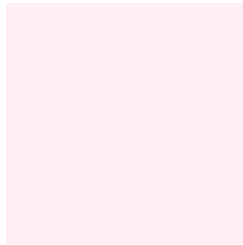
11.4307, 0.5727, 0.2929



1.1316, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 89.5247, 0.3202, 0.3242 looks on a white background.

Color Contrast Check

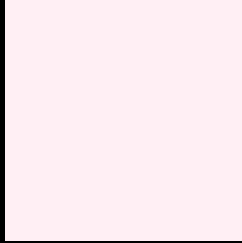
Large Text (above 18pt) WCAG AA × Fail

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 89.5247, 0.3202, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

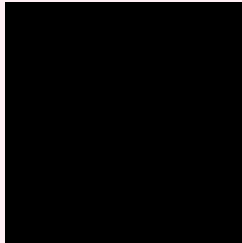
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

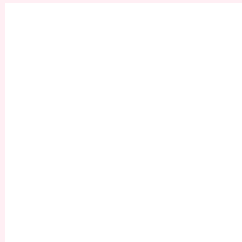
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5247, 0.3202, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 89.5247, 0.3202, 0.3242.

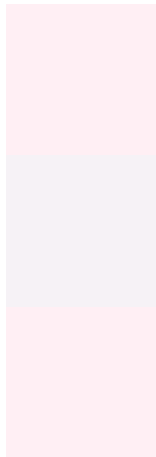


This preview shows how white text looks on a background with the Yxy color 89.5247, 0.3202, 0.3242.

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

89.5247, 0.3202, 0.3242

Protanopia

89.7509, 0.3129, 0.3251

Deuteranopia

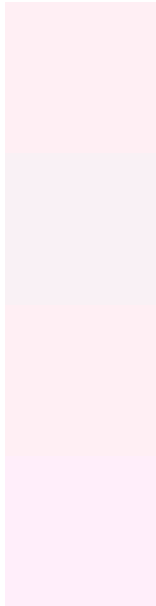
89.5247, 0.3202, 0.3242



Tritanopia

89.5648, 0.3141, 0.3136

Trichromacy



Original Color

89.5247, 0.3202, 0.3242

Protanomaly

89.6429, 0.3155, 0.3251

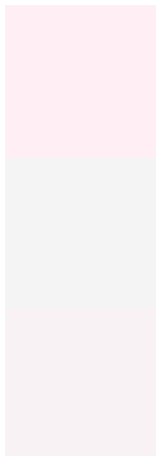
Deuteranomaly

89.5247, 0.3202, 0.3242

Tritanomaly

89.3112, 0.3166, 0.3174

Monochromacy



Original Color

89.5247, 0.3202, 0.3242

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.9924, 0.3154, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5247, 0.3202, 0.3242 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(255, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 244)  
}
```

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(255, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 244) }
```

Border

The CSS property to change the border of an element to Yxy 89.5247, 0.3202, 0.3242 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(255, 239, 244) }
```

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

```
.border{ border-color:rgb(255, 239, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5247, 0.3202, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 244) }
```

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

```
.background{ background-color: rgb(255,  
239, 244) }
```

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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