

Converting Colors

$Yxy(90.0438, 0.3227, 0.3424)$

Have a look what the booklet for
Yxy(90.0438, 0.3227, 0.3424)
contains.

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Color

Yxy(90.1887, 0.3232, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	F7F4E6
RGB	247, 244, 230
RGB Percent	97%, 96%, 90%
CMY	0.0315, 0.0431, 0.0982
CMYK	0.00, 0.01, 0.07, 0.03
HSL	50°, 51%, 94%
HSV	50°, 7%, 97%
XYZ	84.9825, 90.1887, 87.7696
YIQ	243.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

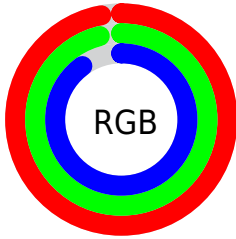
Format	Color
R_{YB}	234, 247, 230
Decimal	16250086
CIE Lab	96.07, -1.39, 7.10
CIE LCh	96, 7.234, 101.098
Yxy	90.1887, 0.3232, 0.3430
Android (android.graphics.Color)	4294440166 (0xFFFF7F4E6)
YUV	243.3010, -6.5574, 3.2440
Hunter-Lab	94.9677, -6.4617, 11.6813

Details

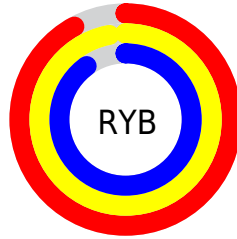
The Yxy color **90.1887, 0.3232, 0.3430** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.7743, 0.3021, 0.3146**, and the grayscale version is **89.9284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.1380, 0.3254, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **86.3409, 0.3393, 0.3640**, and if you desaturate by 10%, it is **94.3014, 0.3082, 0.3228**.

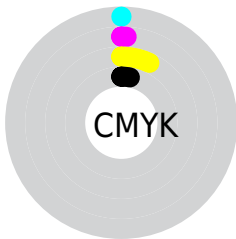
Distribution



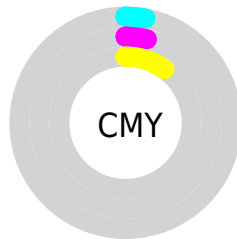
- Red (97%)
- Green (96%)
- Blue (90%)



- Red (92%)
- Yellow (97%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1887, 0.3232, 0.3430 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 90.1887, 0.3232, 0.3430 by changing the saturation by 10% instead.

 90.1887, 0.3232,
0.3430

 90.1887, 0.3232,
0.3430


528.6445, 0.3185,
0.3368

 68.1372, 0.3242,
0.3444

147.6005, 0.3216,
0.3409

 50.0093, 0.3255,
0.3461


183.7295, 0.3210,
0.3400

 35.4208, 0.3270,
0.3481


225.3198, 0.3204,
0.3393

 23.9872, 0.3290,
0.3508

272.7558, 0.3200,
0.3387

 15.3241, 0.3316,
0.3544

326.4219, 0.3196,
0.3381

 9.0472, 0.3352,
0.3593

386.7024, 0.3192,

 4.7720, 0.3404,

0.3376

453.9818, 0.3188,
0.3372

0.3665

■ 2.1141, 0.3489,
0.3783

■ 0.6725, 0.3998,
0.4443

■ 90.1887, 0.3232,
0.3430

■ 90.1887, 0.3232,
0.3430

■ 86.3409, 0.3393,
0.3640

■ 94.3014, 0.3082,
0.3228

■ 82.7377, 0.3563,
0.3855

■ 97.0053, 0.3078,
0.3267

■ 79.3738, 0.3737,
0.4066

■ 98.5106, 0.3078,
0.3290

■ 76.2393, 0.3910,
0.4267

■ 73.3233, 0.4076,
0.4446

■ 70.6139, 0.4227,
0.4593

■ 68.0976, 0.4355,
0.4699

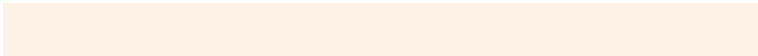
■ 65.7588, 0.4456,
0.4760

■ 63.5774, 0.4527,
0.4774

Harmonies

Analogous

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



90.1887, 0.3278, 0.3400



90.1887, 0.3232, 0.3430



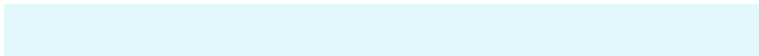
90.1887, 0.3158, 0.3422

Triad

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



90.1887, 0.3232, 0.3430



90.1887, 0.2973, 0.3236



90.1887, 0.3177, 0.3205

Complementary

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



90.1887, 0.3232, 0.3430



81.7743, 0.3021, 0.3146

Split Complementary

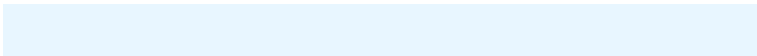
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1887, 0.3095, 0.3162



90.1887, 0.3232, 0.3430



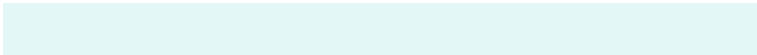
90.1887, 0.2978, 0.3179

Square

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



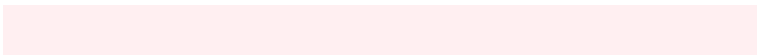
90.1887, 0.3232, 0.3430



90.1887, 0.3009, 0.3309



90.1887, 0.3022, 0.3153



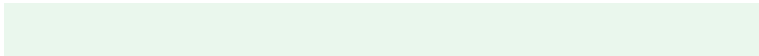
90.1887, 0.3247, 0.3270

Rectangle

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



90.1887, 0.3232, 0.3430



90.1887, 0.3103, 0.3396



90.1887, 0.3022, 0.3153



90.1887, 0.3150, 0.3187

Sweetspot

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



90.1926, 0.3232, 0.3430



99.1099, 0.3157, 0.3330



82.2366, 0.3224, 0.3259



21.2230, 0.3156, 0.3328



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

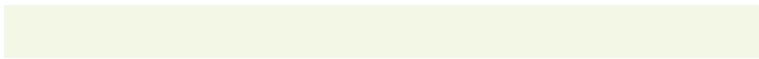
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1926, 0.3232, 0.3430



96.5070, 0.3250, 0.3453



91.0265, 0.3194, 0.3461



18.7932, 0.3273, 0.3484



33.4700, 0.4539, 0.4778



3.0681, 0.4488, 0.4819

Inverse Universe

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



81.7743, 0.3021, 0.3146



86.0542, 0.3003, 0.3121



81.0150, 0.3057, 0.3117



16.3936, 0.2979, 0.3088



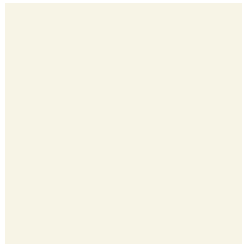
4.6090, 0.1544, 0.0756



0.5341, 0.1600, 0.0959

Previews

White Background



This preview shows how the Yxy color 90.1887, 0.3232, 0.3430 looks on a white background.

Color Contrast Check

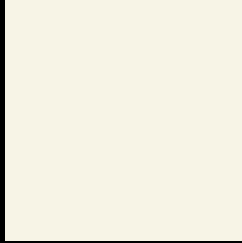
Large Text (above 18pt) WCAG AA × Fail

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 90.1887, 0.3232, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

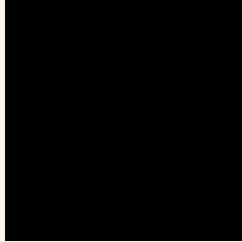
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

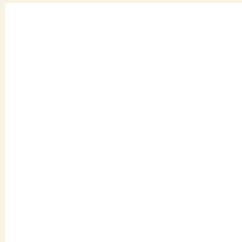
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1887, 0.3232, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 90.1887, 0.3232, 0.3430.

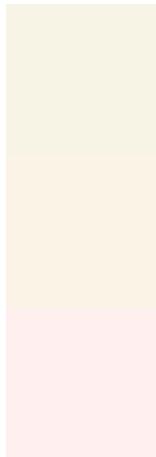


This preview shows how white text looks on a background with the Yxy color 90.1887, 0.3232, 0.3430.

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

90.1887, 0.3232, 0.3430

Protanopia

90.2676, 0.3266, 0.3429

Deuteranopia

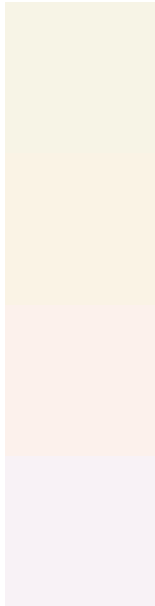
89.8122, 0.3233, 0.3300



Tritanopia

90.2703, 0.3095, 0.3154

Trichromacy



Original Color

90.1887, 0.3232, 0.3430

Protanomaly

90.0823, 0.3259, 0.3429

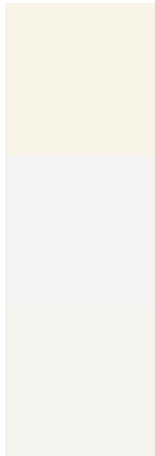
Deuteranomaly

89.6622, 0.3231, 0.3339

Tritanomaly

90.1145, 0.3142, 0.3251

Monochromacy



Original Color

90.1887, 0.3232, 0.3430

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5073, 0.3164, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1887, 0.3232, 0.3430 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, 244, 230)` looks like.

```
.text, #text, p{  
    color:rgb(247, 244, 230)  
}
```

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, 244, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 244, 230) }
```

Border

The CSS property to change the border of an element to Yxy 90.1887, 0.3232, 0.3430 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, 244, 230) }
```

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

```
.border{ border-color:rgb(247, 244, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 244, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 244, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 244, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 244,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1887, 0.3232, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 244, 230) }
```

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

```
.background{ background-color: rgb(247,  
244, 230) }
```

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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