

Converting Colors

$Yxy(89.4553, 0.3282, 0.3466)$

Have a look what the booklet for
Yxy(89.4553, 0.3282, 0.3466)
contains.

Yxy(89.6772, 0.3277, 0.3470)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.6772, 0.3277, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3E1
RGB	249, 243, 225
RGB Percent	98%, 95%, 88%
CMY	0.0238, 0.0470, 0.1177
CMYK	0.00, 0.02, 0.10, 0.02
HSL	45°, 66%, 93%
HSV	45°, 10%, 98%
XYZ	84.6894, 89.6772, 84.0691
YIQ	242.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

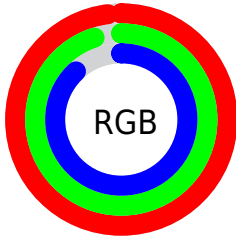
Format	Color
R_{YB}	233, 249, 225
Decimal	16380897
CIE Lab	95.86, -1.03, 9.39
CIE LCh	96, 9.443, 96.274
Yxy	89.6772, 0.3277, 0.3470
Android (android.graphics.Color)	4294570977 (0xFFFF9F3E1)
YUV	242.7420, -8.7468, 5.4883
Hunter-Lab	94.6980, -6.0873, 13.6533

Details

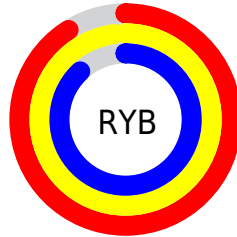
The Yxy color **89.6772, 0.3277, 0.3470** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.9345, 0.2977, 0.3103**, and the grayscale version is **89.4727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7804, 0.3312, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **84.8045, 0.3446, 0.3665**, and if you desaturate by 10%, it is **94.8788, 0.3122, 0.3283**.

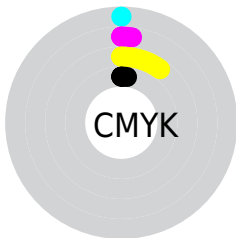
Distribution



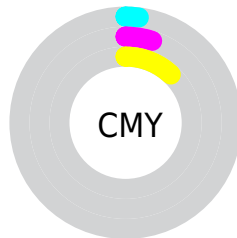
- Red (98%)
- Green (95%)
- Blue (88%)



- Red (91%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6772, 0.3277, 0.3470 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 89.6772, 0.3277, 0.3470 by changing the saturation by 10% instead.

 89.6772, 0.3277,
0.3470

 89.6772, 0.3277,
0.3470

526.9802, 0.3210,
0.3390

 67.7129, 0.3292,
0.3488

146.8899, 0.3254,
0.3443

 49.6642, 0.3310,
0.3509


182.9072, 0.3245,
0.3432

 35.1467, 0.3332,
0.3536


224.3776, 0.3238,
0.3422

 23.7759, 0.3360,
0.3571

271.6855, 0.3231,
0.3414

 15.1675, 0.3397,
0.3616

325.2153, 0.3225,
0.3407

 8.9370, 0.3449,
0.3679

385.3515, 0.3219,

 4.7001, 0.3524,

0.3401

0.3772

452.4783, 0.3215,
0.3395

■ 2.0724, 0.3644,
0.3922

■ 0.6490, 0.4583,
0.5027

■ 89.6772, 0.3277,
0.3470

■ 89.6772, 0.3277,
0.3470

■ 84.8045, 0.3446,
0.3665

■ 94.8788, 0.3122,
0.3283

■ 80.2393, 0.3625,
0.3863

■ 98.8681, 0.3090,
0.3290

■ 75.9750, 0.3813,
0.4057

■ 72.0006, 0.4002,
0.4240

■ 68.3039, 0.4186,
0.4400

■ 64.8717, 0.4357,
0.4526

■ 61.6886, 0.4506,
0.4610

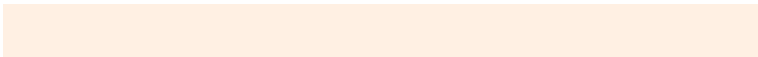
■ 58.7370, 0.4626,
0.4645

■ 55.9894, 0.4717,
0.4635

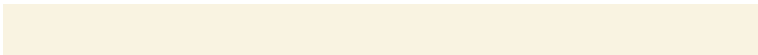
Harmonies

Analogous

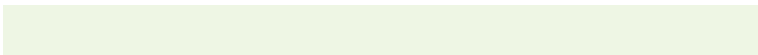
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6772, 0.3330, 0.3422



89.6772, 0.3277, 0.3470



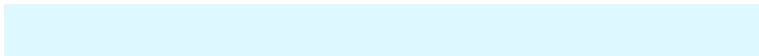
89.6772, 0.3184, 0.3469

Triad

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



89.6772, 0.3277, 0.3470



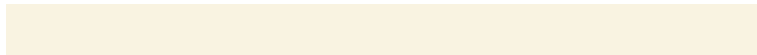
89.6772, 0.2930, 0.3234



89.6772, 0.3176, 0.3168

Complementary

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



89.6772, 0.3277, 0.3470



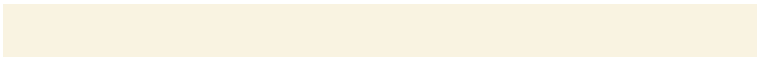
79.9345, 0.2977, 0.3103

Split Complementary

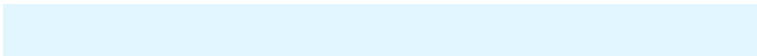
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6772, 0.3068, 0.3118



89.6772, 0.3277, 0.3470



89.6772, 0.2928, 0.3154

Square

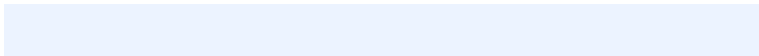
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6772, 0.3277, 0.3470



89.6772, 0.2984, 0.3331



89.6772, 0.2978, 0.3113



89.6772, 0.3271, 0.3248

Rectangle

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



89.6772, 0.3277, 0.3470



89.6772, 0.3112, 0.3440



89.6772, 0.2978, 0.3113



89.6772, 0.3140, 0.3147

Sweetspot

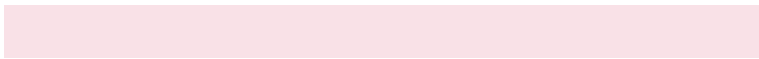
The Sweet Spot groups the original color and five complimentary colors.



89.6811, 0.3277, 0.3470



98.3187, 0.3173, 0.3345



79.7393, 0.3256, 0.3230



20.9492, 0.3185, 0.3360



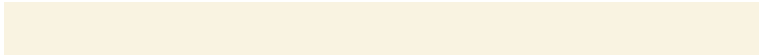
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



89.6811, 0.3277, 0.3470



93.4607, 0.3316, 0.3516



92.1932, 0.3231, 0.3530



19.4227, 0.3275, 0.3468



30.1687, 0.4710, 0.4642



2.9603, 0.4635, 0.4702

Inverse Universe

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



79.9345, 0.2977, 0.3103



80.8163, 0.2938, 0.3053



77.6634, 0.3016, 0.3044



17.3386, 0.2979, 0.3106



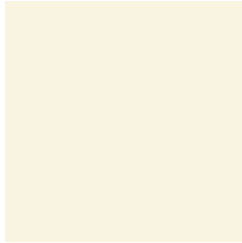
5.6590, 0.1578, 0.0880



0.6836, 0.1638, 0.1098

Previews

White Background



This preview shows how the Yxy color 89.6772, 0.3277, 0.3470 looks on a white background.

Color Contrast Check

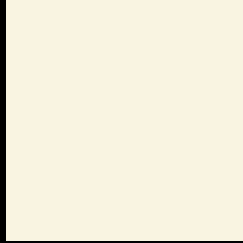
Large Text (above 18pt) WCAG AA × Fail

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 89.6772, 0.3277, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

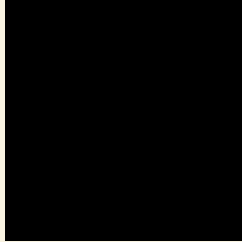
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.6772, 0.3277, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 89.6772, 0.3277, 0.3470.

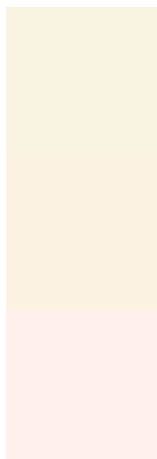


This preview shows how white text looks on a background with the Yxy color 89.6772, 0.3277, 0.3470.

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

89.6772, 0.3277, 0.3470

Protanopia

89.6360, 0.3299, 0.3459

Deuteranopia

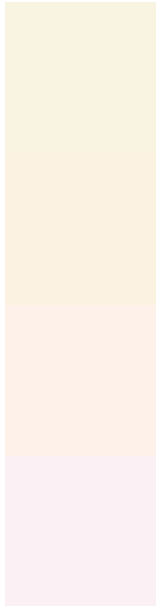
89.6946, 0.3245, 0.3320



Tritanopia

89.6485, 0.3115, 0.3135

Trichromacy



Original Color

89.6772, 0.3277, 0.3470

Protanomaly

89.4497, 0.3292, 0.3459

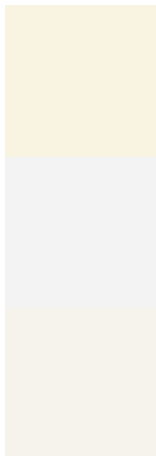
Deuteranomaly

89.6764, 0.3256, 0.3369

Tritanomaly

89.3611, 0.3175, 0.3251

Monochromacy



Original Color

89.6772, 0.3277, 0.3470

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5698, 0.3183, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6772, 0.3277, 0.3470 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(249, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 225)  
}
```

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(249, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 225) }
```

Border

The CSS property to change the border of an element to Yxy 89.6772, 0.3277, 0.3470 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(249, 243, 225) }
```

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

```
.border{ border-color:rgb(249, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 243, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 243, 225); box-shadow:4px 4px 4px 4px rgb(249, 243, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6772, 0.3277, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 225) }
```

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

```
.background{ background-color: rgb(249,  
243, 225) }
```

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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