

Converting Colors

$Y_{xy}(90.0078, 0.3282, 0.3399)$

Have a look what the booklet for
Yxy(90.0078, 0.3282, 0.3399)
contains.

Yxy(89.6946, 0.3282, 0.3399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(89.6946, 0.3282, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1E6
RGB	254, 241, 230
RGB Percent	100%, 95%, 90%
CMY	0.0039, 0.0549, 0.0982
CMYK	0.00, 0.05, 0.09, 0.00
HSL	28°, 92%, 95%
HSV	28°, 9%, 100%
XYZ	86.6071, 89.6946, 87.5835
YIQ	243.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

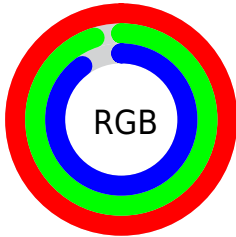
Format	Color
R_{YB}	254, 250, 230
Decimal	16708070
CIE _{Lab}	95.87, 2.54, 6.88
CIE _{LCh}	96, 7.332, 69.718
Yxy	89.6946, 0.3282, 0.3399
Android (android.graphics.Color)	4294898150 (0xFFFEF1E6)
YUV	243.6330, -6.7211, 9.0919
Hunter-Lab	94.7072, -2.5044, 11.4648

Details

The Yxy color **89.6946, 0.3282, 0.3399** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.0479, 0.2980, 0.3179**, and the grayscale version is **90.2073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6634, 0.3309, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **80.5499, 0.3470, 0.3521**, and if you desaturate by 10%, it is **99.6441, 0.3121, 0.3288**.

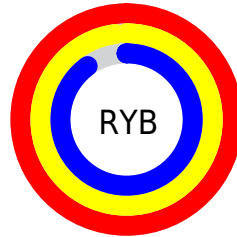
Distribution



Red (100%)

Green (95%)

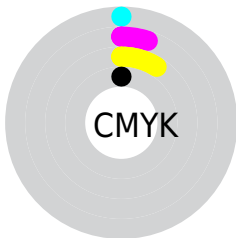
Blue (90%)



Red (100%)

Yellow (98%)

Blue (90%)

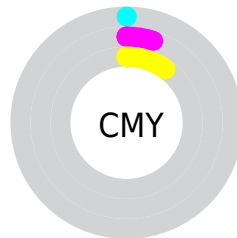


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6946, 0.3282, 0.3399 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 89.6946, 0.3282, 0.3399 by changing the saturation by 10% instead.

 89.6946, 0.3282,
0.3399

 89.6946, 0.3282,
0.3399


527.0369, 0.3213,
0.3351

 67.7274, 0.3297,
0.3410


146.9141, 0.3258,
0.3383

 49.6760, 0.3316,
0.3422

182.9352, 0.3249,
0.3376

 35.1560, 0.3339,
0.3438


224.4097, 0.3241,
0.3371

 23.7831, 0.3369,
0.3458

271.7219, 0.3234,
0.3366

 15.1728, 0.3408,
0.3485

325.2564, 0.3228,
0.3361

 8.9407, 0.3463,
0.3521

385.3974, 0.3222,

 4.7025, 0.3543,

0.3357

0.3575

452.5295, 0.3217,
0.3354

■ 2.0738, 0.3674,
0.3659

■ 0.6498, 0.4367,
0.4176

■ 89.6946, 0.3282,
0.3399

■ 89.6946, 0.3282,
0.3399

■ 80.5499, 0.3470,
0.3521

99.6441, 0.3121,
0.3288

■ 72.1993, 0.3685,
0.3647

99.8111, 0.3121,
0.3290

■ 64.6234, 0.3928,
0.3772

■ 57.7972, 0.4198,
0.3890

■ 51.6945, 0.4487,
0.3990

■ 46.2869, 0.4785,
0.4059

■ 41.5437, 0.5074,
0.4084

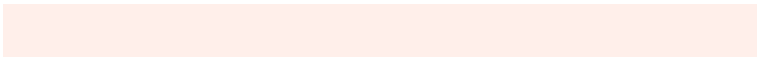
■ 37.4304, 0.5332,
0.4056

■ 33.9024, 0.5545,
0.3975

Harmonies

Analogous

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



89.6946, 0.3286, 0.3338



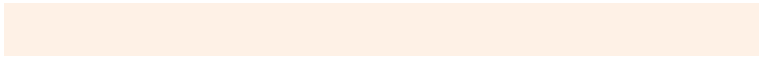
89.6946, 0.3282, 0.3399



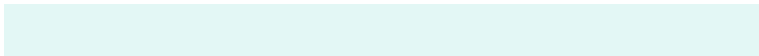
89.6946, 0.3237, 0.3432

Triad

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



89.6946, 0.3282, 0.3399



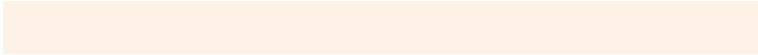
89.6946, 0.3010, 0.3313



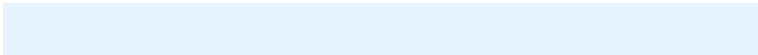
89.6946, 0.3091, 0.3159

Complementary

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



89.6946, 0.3282, 0.3399



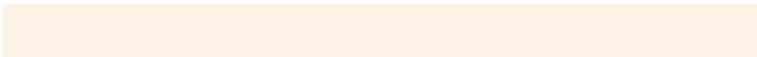
88.0479, 0.2980, 0.3179

Split Complementary

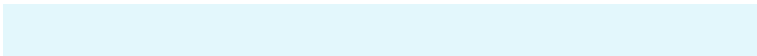
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6946, 0.3018, 0.3151



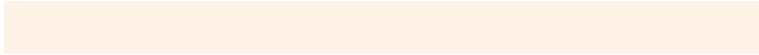
89.6946, 0.3282, 0.3399



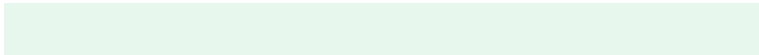
89.6946, 0.2972, 0.3239

Square

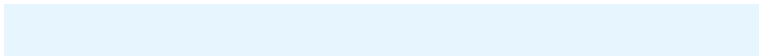
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6946, 0.3282, 0.3399



89.6946, 0.3079, 0.3382



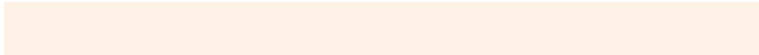
89.6946, 0.2975, 0.3180



89.6946, 0.3174, 0.3201

Rectangle

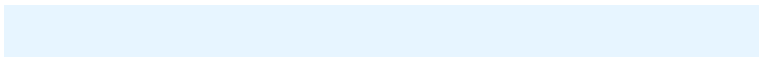
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.6946, 0.3282, 0.3399



89.6946, 0.3189, 0.3432



89.6946, 0.2975, 0.3180



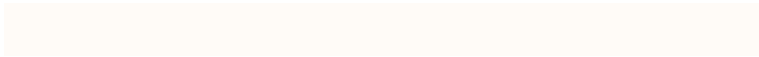
89.6946, 0.3064, 0.3152

Sweetspot

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



89.6985, 0.3282, 0.3399



96.9072, 0.3174, 0.3324



84.1271, 0.3207, 0.3161



20.5680, 0.3187, 0.3333



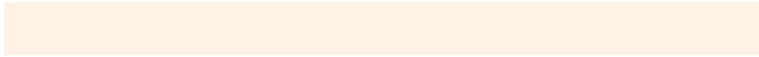
0.0000, 0.0000, 0.0000



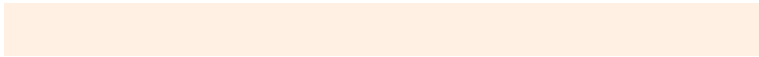
21.4041, 0.3127, 0.3290

Same Dimension

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



89.6985, 0.3282, 0.3399



89.0288, 0.3309, 0.3417



96.9063, 0.3270, 0.3512



19.3624, 0.3283, 0.3400



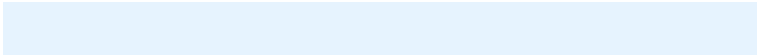
18.0687, 0.5529, 0.3992



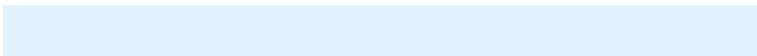
1.9748, 0.5339, 0.4143

Inverse Universe

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



88.0479, 0.2980, 0.3179



87.1130, 0.2956, 0.3159



81.2179, 0.2979, 0.3058



19.0044, 0.2979, 0.3178



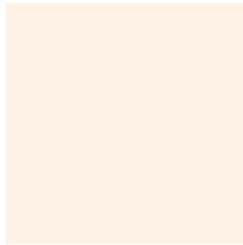
13.5467, 0.1809, 0.1711



1.5376, 0.1863, 0.1905

Previews

White Background



This preview shows how the Yxy color 89.6946, 0.3282, 0.3399 looks on a white background.

Color Contrast Check

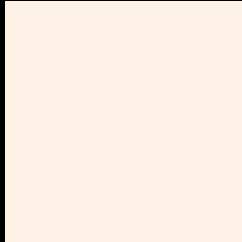
Large Text (above 18pt) WCAG AA × Fail

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 89.6946, 0.3282, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

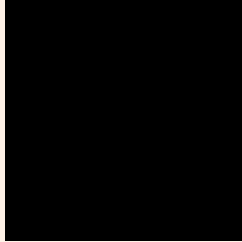
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.6946, 0.3282, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 89.6946, 0.3282, 0.3399.

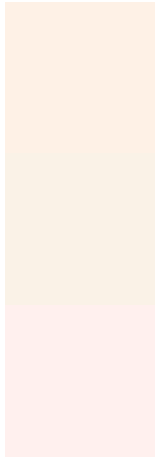


This preview shows how white text looks on a background with the Yxy color 89.6946, 0.3282, 0.3399.

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

89.6946, 0.3282, 0.3399

Protanopia

89.5978, 0.3248, 0.3399

Deuteranopia

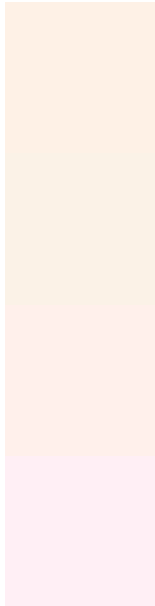
89.7532, 0.3239, 0.3310



Tritanopia

89.5009, 0.3147, 0.3146

Trichromacy



Original Color

89.6946, 0.3282, 0.3399

Protanomaly

89.7830, 0.3254, 0.3399

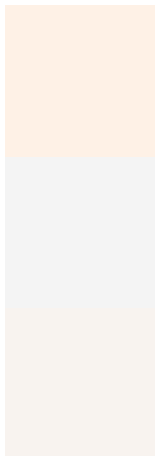
Deuteranomaly

89.5783, 0.3258, 0.3339

Tritanomaly

89.5856, 0.3196, 0.3232

Monochromacy



Original Color

89.6946, 0.3282, 0.3399

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.2896, 0.3184, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6946, 0.3282, 0.3399 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(254, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 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(254, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 230) }
```

Border

The CSS property to change the border of an element to Yxy 89.6946, 0.3282, 0.3399 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(254, 241, 230) }
```

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

```
.border{ border-color:rgb(254, 241, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6946, 0.3282, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 230) }
```

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

```
.background{ background-color: rgb(254,  
241, 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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