

Converting Colors

$Y_{xy}(90.1994, 0.3278, 0.3422)$

Have a look what the booklet for
Yxy(90.1994, 0.3278, 0.3422)
contains.

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Color

Yxy(90.0441, 0.3280, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	FDF2E5
RGB	253, 242, 229
RGB Percent	99%, 95%, 90%
CMY	0.0081, 0.0509, 0.1021
CMYK	0.00, 0.04, 0.09, 0.01
HSL	33°, 85%, 94%
HSV	33°, 9%, 99%
XYZ	86.3833, 90.0441, 86.9364
YIQ	243.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

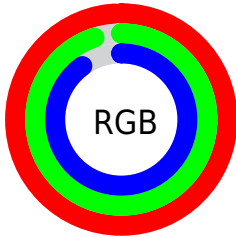
Format	Color
R_{YB}	249, 253, 229
Decimal	16642789
CIE Lab	96.02, 1.50, 7.59
CIE LCh	96, 7.733, 78.830
Yxy	90.0441, 0.3280, 0.3419
Android (android.graphics.Color)	4294832869 (0xFFFD2E5)
YUV	243.8070, -7.2999, 8.0623
Hunter-Lab	94.8916, -3.5650, 12.1046

Details

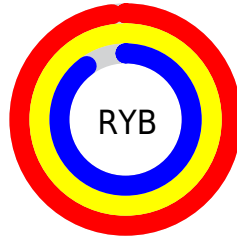
The Yxy color **90.0441, 0.3280, 0.3419** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9950, 0.2980, 0.3158**, and the grayscale version is **90.3531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9096, 0.3307, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **82.0944, 0.3462, 0.3562**, and if you desaturate by 10%, it is **98.6392, 0.3119, 0.3283**.

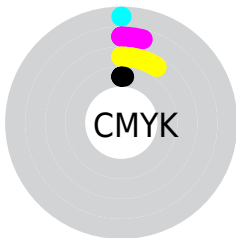
Distribution



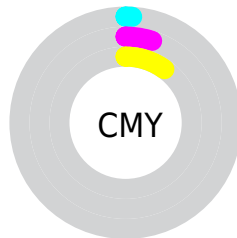
- Red (99%)
- Green (95%)
- Blue (90%)



- Red (98%)
- Yellow (99%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0441, 0.3280, 0.3419 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 90.0441, 0.3280, 0.3419 by changing the saturation by 10% instead.


 90.0441, 0.3280,
0.3419

 90.0441, 0.3280,
0.3419


528.1743, 0.3212,
0.3362

 68.0172, 0.3295,
0.3432

147.3996, 0.3257,
0.3400

 49.9117, 0.3313,
0.3447


183.4971, 0.3248,
0.3392

 35.3433, 0.3336,
0.3466


225.0535, 0.3240,
0.3385

 23.9274, 0.3365,
0.3490


272.4534, 0.3233,
0.3379

 15.2798, 0.3404,
0.3522

326.0810, 0.3227,
0.3374

 9.0160, 0.3457,
0.3565

386.3207, 0.3221,

 4.7516, 0.3536,

0.3370

0.3629

453.5570, 0.3216,
0.3366

■ 2.1023, 0.3663,
0.3731

■ 0.6659, 0.4376,
0.4352

■ 90.0441, 0.3280,
0.3419

■ 90.0441, 0.3280,
0.3419

■ 82.0944, 0.3462,
0.3562

■ 98.6392, 0.3119,
0.3283

■ 74.7617, 0.3667,
0.3710

■ 99.6113, 0.3114,
0.3290

■ 68.0322, 0.3893,
0.3857

■ 61.8872, 0.4138,
0.3995

■ 56.3070, 0.4395,
0.4115

■ 51.2700, 0.4653,
0.4203

■ 46.7526, 0.4898,
0.4247

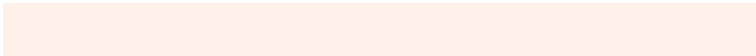
■ 42.7282, 0.5114,
0.4237

■ 39.1602, 0.5293,
0.4176

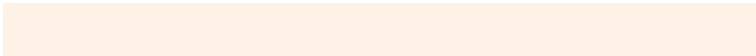
Harmonies

Analogous

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



90.0441, 0.3298, 0.3362



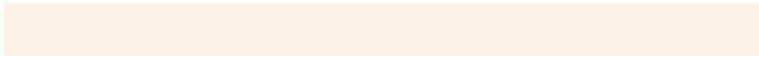
90.0441, 0.3280, 0.3419



90.0441, 0.3221, 0.3442

Triad

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



90.0441, 0.3280, 0.3419



90.0441, 0.2987, 0.3290



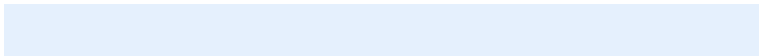
90.0441, 0.3115, 0.3162

Complementary

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



90.0441, 0.3280, 0.3419



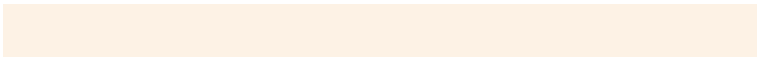
85.9950, 0.2980, 0.3158

Split Complementary

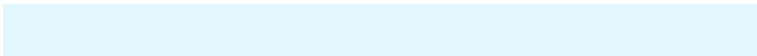
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0441, 0.3033, 0.3142



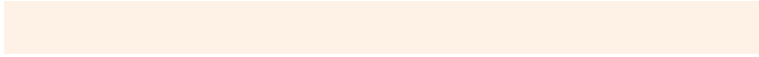
90.0441, 0.3280, 0.3419



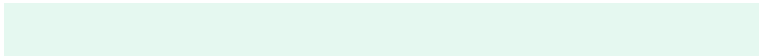
90.0441, 0.2960, 0.3214

Square

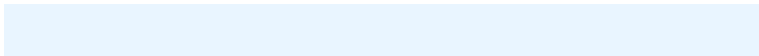
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.0441, 0.3280, 0.3419



90.0441, 0.3052, 0.3367



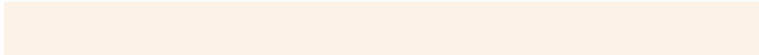
90.0441, 0.2976, 0.3161



90.0441, 0.3202, 0.3215

Rectangle

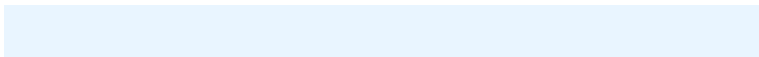
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.0441, 0.3280, 0.3419



90.0441, 0.3166, 0.3434



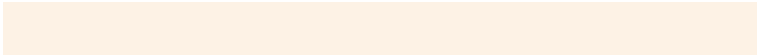
90.0441, 0.2976, 0.3161



90.0441, 0.3086, 0.3151

Sweetspot

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



90.0481, 0.3280, 0.3419



97.3148, 0.3174, 0.3330



83.1967, 0.3220, 0.3180



20.6779, 0.3186, 0.3341



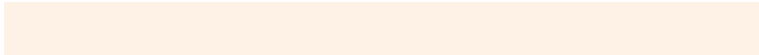
0.0000, 0.0000, 0.0000



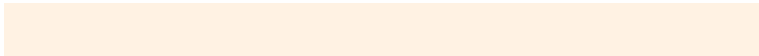
21.4041, 0.3127, 0.3290

Same Dimension

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



90.0481, 0.3280, 0.3419



90.4437, 0.3306, 0.3441



96.5898, 0.3263, 0.3524



19.6268, 0.3281, 0.3420



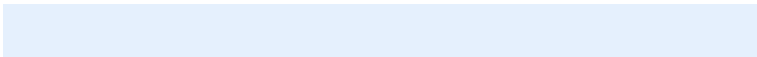
21.0442, 0.5280, 0.4190



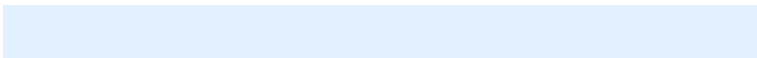
2.2675, 0.5122, 0.4315

Inverse Universe

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



85.9950, 0.2980, 0.3158



85.6990, 0.2955, 0.3135



79.8983, 0.2984, 0.3045



18.7402, 0.2979, 0.3157



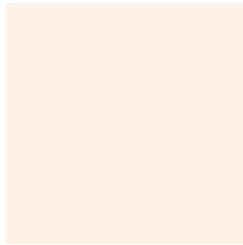
10.6016, 0.1730, 0.1428



1.2473, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 90.0441, 0.3280, 0.3419 looks on a white background.

Color Contrast Check

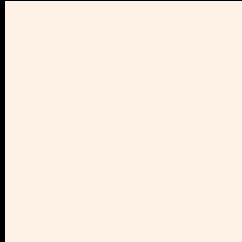
Large Text (above 18pt) WCAG AA × Fail

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 90.0441, 0.3280, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

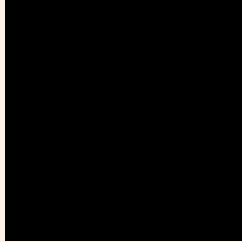
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

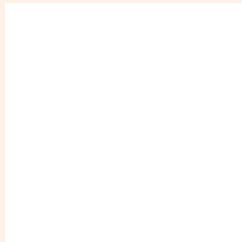
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0441, 0.3280, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 90.0441, 0.3280, 0.3419.

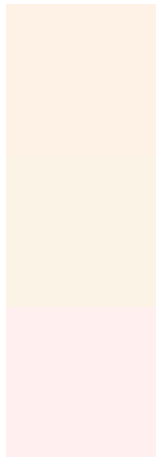


This preview shows how white text looks on a background with the Yxy color 90.0441, 0.3280, 0.3419.

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

90.0441, 0.3280, 0.3419

Protanopia

90.2676, 0.3266, 0.3429

Deuteranopia

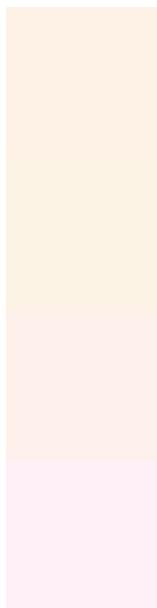
89.8122, 0.3233, 0.3300



Tritanopia

90.2130, 0.3134, 0.3136

Trichromacy



Original Color

90.0441, 0.3280, 0.3419

Protanomaly

90.4538, 0.3273, 0.3428

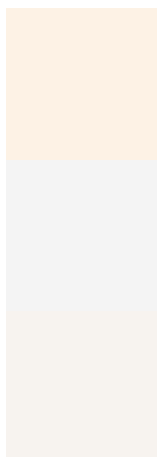
Deuteranomaly

89.9796, 0.3250, 0.3349

Tritanomaly

90.0448, 0.3183, 0.3232

Monochromacy



Original Color

90.0441, 0.3280, 0.3419

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.1073, 0.3177, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0441, 0.3280, 0.3419 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(253, 242, 229)` looks like.

```
.text, #text, p{  
    color:rgb(253, 242, 229)  
}
```

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(253, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 242, 229) }
```

Border

The CSS property to change the border of an element to Yxy 90.0441, 0.3280, 0.3419 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(253, 242, 229) }
```

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

```
.border{ border-color:rgb(253, 242, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(253, 242,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0441, 0.3280, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 242, 229) }
```

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

```
.background{ background-color: rgb(253,  
242, 229) }
```

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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