

Converting Colors

$Yxy(90.1634, 0.3390, 0.3616)$

Have a look what the booklet for
Yxy(90.1634, 0.3390, 0.3616)
contains.

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Color

Yxy(90.2872, 0.3391, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	FDF4D3
RGB	253, 244, 211
RGB Percent	99%, 96%, 83%
CMY	0.0081, 0.0430, 0.1726
CMYK	0.00, 0.04, 0.17, 0.01
HSL	47°, 91%, 91%
HSV	47°, 17%, 99%
XYZ	84.5990, 90.2872, 74.5948
YIQ	242.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

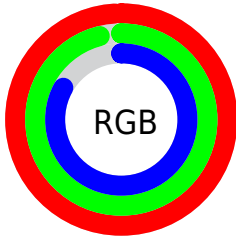
Format	Color
R _Y B	222, 253, 211
Decimal	16643283
CIE Lab	96.12, -2.29, 16.99
CIE LCh	96, 17.146, 97.688
Yxy	90.2872, 0.3391, 0.3619
Android (android.graphics.Color)	4294833363 (0xFFFD4D3)
YUV	242.9290, -15.7410, 8.8323
Hunter-Lab	95.0196, -7.3599, 19.9683

Details

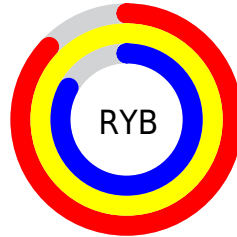
The Yxy color $90.2872, 0.3391, 0.3619$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $72.0757, 0.2860, 0.2938$, and the grayscale version is $89.6827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $50.1025, 0.3450, 0.3697$ is the 20% darker color. If you saturate the color by 10%, you get $85.9331, 0.3564, 0.3825$, and if you desaturate by 10%, it is $94.9432, 0.3228, 0.3418$.

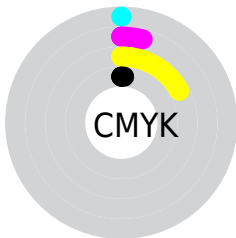
Distribution



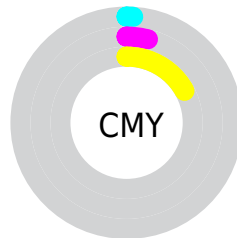
- Red (99%)
- Green (96%)
- Blue (83%)



- Red (87%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.2872, 0.3391, 0.3619 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 90.2872, 0.3391, 0.3619 by changing the saturation by 10% instead.

 90.2872, 0.3391,
0.3619

 90.2872, 0.3391,
0.3619

528.9647, 0.3274,
0.3472

 68.2189, 0.3417,
0.3651

147.7373, 0.3351,
0.3569

 50.0758, 0.3447,
0.3691

183.8878, 0.3336,
0.3549

 35.4736, 0.3486,
0.3740


225.5012, 0.3322,
0.3532

 24.0280, 0.3534,
0.3802

272.9618, 0.3310,
0.3517

 15.3544, 0.3598,
0.3884

326.6541, 0.3300,
0.3504

 9.0685, 0.3683,
0.3996

386.9624, 0.3290,

 4.7859, 0.3805,

0.3492

0.4159

454.2711, 0.3282,
0.3482

■ 2.1222, 0.4001,
0.4426

■ 0.6771, 0.4646,
0.5354

■ 90.2872, 0.3391,
0.3619

■ 90.2872, 0.3391,
0.3619

■ 85.9331, 0.3564,
0.3825

■ 94.9432, 0.3228,
0.3418

■ 81.8589, 0.3745,
0.4029

■ 99.4670, 0.3114,
0.3288

■ 78.0576, 0.3927,
0.4223

■ 99.6108, 0.3114,
0.3290

■ 74.5175, 0.4104,
0.4397

■ 71.2256, 0.4268,
0.4540

■ 68.1672, 0.4411,
0.4642

■ 65.3254, 0.4526,
0.4697

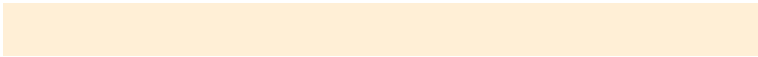
■ 62.6790, 0.4611,
0.4705

■ 61.8080, 0.4636,
0.4701

Harmonies

Analogous

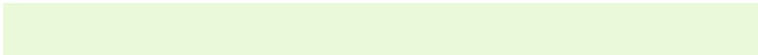
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2872, 0.3494, 0.3532



90.2872, 0.3391, 0.3619



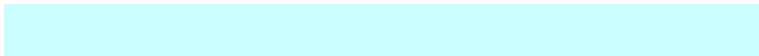
90.2872, 0.3218, 0.3616

Triad

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



90.2872, 0.3391, 0.3619



90.2872, 0.2772, 0.3176



90.2872, 0.3222, 0.3077

Complementary

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



90.2872, 0.3391, 0.3619



72.0757, 0.2860, 0.2938

Split Complementary

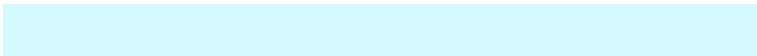
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2872, 0.3027, 0.2987



90.2872, 0.3391, 0.3619



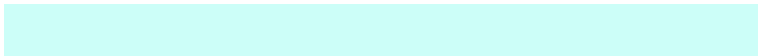
90.2872, 0.2772, 0.3038

Square

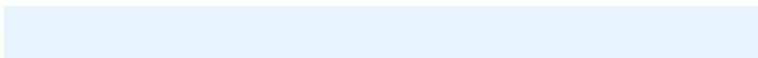
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.2872, 0.3391, 0.3619



90.2872, 0.2863, 0.3354



90.2872, 0.2864, 0.2971



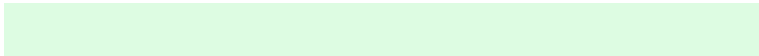
90.2872, 0.3396, 0.3221

Rectangle

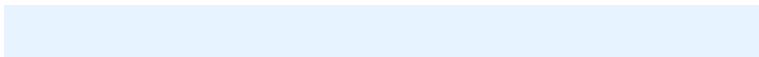
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.2872, 0.3391, 0.3619



90.2872, 0.3089, 0.3560



90.2872, 0.2864, 0.2971



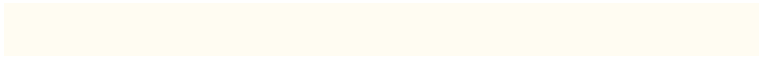
90.2872, 0.3157, 0.3040

Sweetspot

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



90.2912, 0.3391, 0.3619



97.4896, 0.3203, 0.3387



72.6310, 0.3378, 0.3198



20.7926, 0.3214, 0.3401



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.



90.2912, 0.3391, 0.3619



90.4199, 0.3449, 0.3689



93.6241, 0.3299, 0.3714



20.3970, 0.3274, 0.3476



33.1186, 0.4627, 0.4708



3.3804, 0.4568, 0.4755

Inverse Universe

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



72.0757, 0.2860, 0.2938



68.5746, 0.2799, 0.2856



69.3454, 0.2936, 0.2851



18.0031, 0.2979, 0.3097



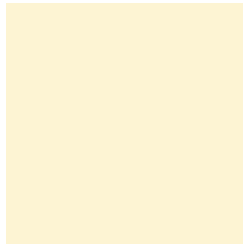
5.3333, 0.1560, 0.0815



0.6693, 0.1614, 0.1010

Previews

White Background



This preview shows how the Yxy color 90.2872, 0.3391, 0.3619 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 90.2872, 0.3391, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

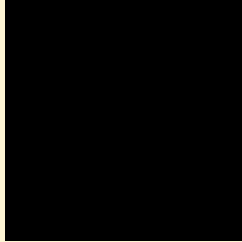
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.2872, 0.3391, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 90.2872, 0.3391, 0.3619.

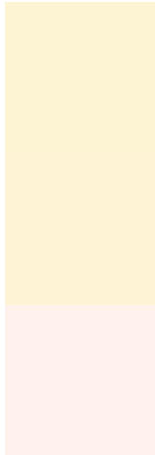


This preview shows how white text looks on a background with the Yxy color 90.2872, 0.3391, 0.3619.

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

90.2872, 0.3391, 0.3619

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

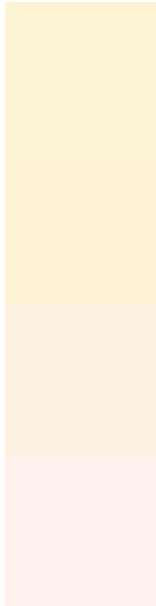
90.1688, 0.3257, 0.3349



Tritanopia

90.0849, 0.3147, 0.3155

Trichromacy



Original Color

90.2872, 0.3391, 0.3619

Protanomaly

89.9255, 0.3394, 0.3598

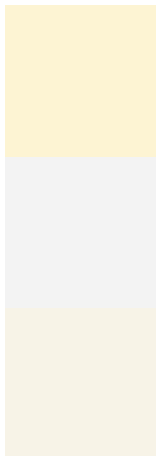
Deuteranomaly

90.0661, 0.3306, 0.3448

Tritanomaly

90.1545, 0.3231, 0.3320

Monochromacy



Original Color

90.2872, 0.3391, 0.3619

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.6449, 0.3227, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.2872, 0.3391, 0.3619 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, 244, 211)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 211)  
}
```

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, 244, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 211) }
```

Border

The CSS property to change the border of an element to Yxy 90.2872, 0.3391, 0.3619 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, 244, 211) }
```

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

```
.border{ border-color:rgb(253, 244, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 244, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 211);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 90.2872, 0.3391, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 211) }
```

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

```
.background{ background-color: rgb(253,  
244, 211) }
```

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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