

Converting Colors

$Yxy(91.3508, 0.3367, 0.3624)$

Have a look what the booklet for
Yxy(91.3508, 0.3367, 0.3624)
contains.

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Color

Yxy(91.2249, 0.3362, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	FBF6D5
RGB	251, 246, 213
RGB Percent	98%, 96%, 84%
CMY	0.0157, 0.0353, 0.1646
CMYK	0.00, 0.02, 0.15, 0.02
HSL	52°, 83%, 91%
HSV	52°, 15%, 98%
XYZ	84.7466, 91.2249, 76.1006
YIQ	243.7330, 13.5730, -9.2030

Conversions

Conversions Part 2

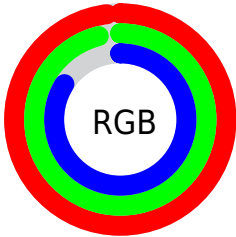
Format	Color
R _Y B	219, 251, 213
Decimal	16512725
CIE Lab	96.50, -3.68, 16.48
CIE LCh	97, 16.887, 102.593
Yxy	91.2249, 0.3362, 0.3619
Android (android.graphics.Color)	4294702805 (0xFFFBF6D5)
YUV	243.7330, -15.1514, 6.3732
Hunter-Lab	95.5117, -8.7642, 19.6179

Details

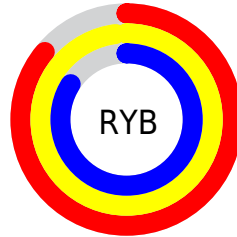
The Yxy color **91.2249, 0.3362, 0.3619** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.2494, 0.2884, 0.2938**, and the grayscale version is **90.3593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7649, 0.3412, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **88.0685, 0.3527, 0.3843**, and if you desaturate by 10%, it is **94.6220, 0.3204, 0.3399**.

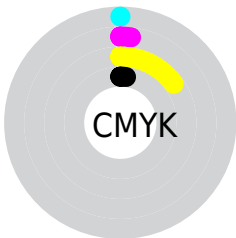
Distribution



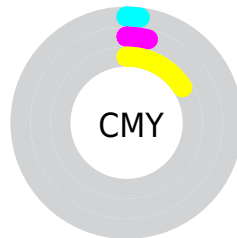
- Red (98%)
- Green (96%)
- Blue (84%)



- Red (86%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2249, 0.3362, 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 91.2249, 0.3362, 0.3619 by changing the saturation by 10% instead.

 91.2249, 0.3362,
0.3619

 91.2249, 0.3362,
0.3619

532.0074, 0.3258,
0.3472

 68.9970, 0.3385,
0.3651


149.0387, 0.3327,
0.3569

 50.7093, 0.3412,
0.3691


185.3933, 0.3313,
0.3549

 35.9773, 0.3446,
0.3740


227.2257, 0.3301,
0.3532

 24.4167, 0.3488,
0.3803

274.9203, 0.3290,
0.3517

 15.6430, 0.3544,
0.3885

328.8613, 0.3281,
0.3504

 9.2719, 0.3618,
0.3999

389.4332, 0.3273,

 4.9189, 0.3724,

0.3492

0.4164

457.0205, 0.3265,
0.3481

■ 2.1998, 0.3886,
0.4429

■ 0.7199, 0.4522,
0.5478

■ 91.2249, 0.3362,
0.3619

■ 91.2249, 0.3362,
0.3619

■ 88.0685, 0.3527,
0.3843

■ 94.6220, 0.3204,
0.3399

■ 85.1315, 0.3694,
0.4065

■ 97.7162, 0.3103,
0.3267

■ 82.4079, 0.3860,
0.4276

■ 99.2464, 0.3102,
0.3290

■ 79.8871, 0.4016,
0.4466

■ 77.5571, 0.4157,
0.4625

■ 75.4044, 0.4274,
0.4745

■ 73.4134, 0.4365,
0.4818

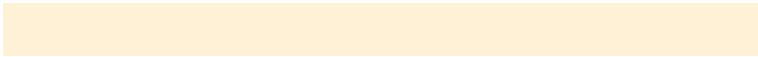
■ 71.5648, 0.4427,
0.4847

■ 70.7024, 0.4449,
0.4849

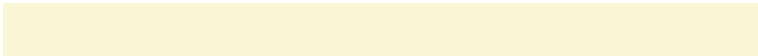
Harmonies

Analogous

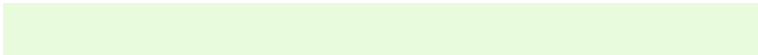
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2249, 0.3477, 0.3546



91.2249, 0.3362, 0.3619



91.2249, 0.3186, 0.3600

Triad

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



91.2249, 0.3362, 0.3619



91.2249, 0.2772, 0.3153



91.2249, 0.3251, 0.3101

Complementary

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



91.2249, 0.3362, 0.3619



71.2494, 0.2884, 0.2938

Split Complementary

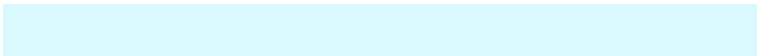
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2249, 0.3060, 0.3002



91.2249, 0.3362, 0.3619



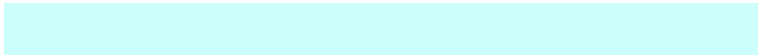
91.2249, 0.2787, 0.3026

Square

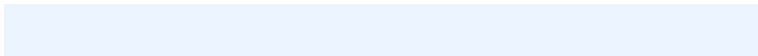
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2249, 0.3362, 0.3619



91.2249, 0.2848, 0.3324



91.2249, 0.2891, 0.2974



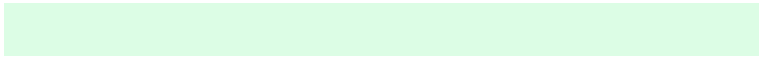
91.2249, 0.3413, 0.3248

Rectangle

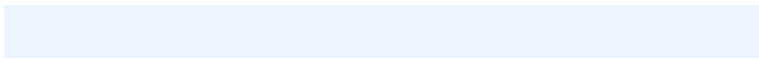
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.2249, 0.3362, 0.3619



91.2249, 0.3059, 0.3536



91.2249, 0.2891, 0.2974



91.2249, 0.3188, 0.3061

Sweetspot

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



91.2289, 0.3362, 0.3619



98.1447, 0.3202, 0.3397



73.1681, 0.3375, 0.3239



20.9523, 0.3213, 0.3412



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.



91.2289, 0.3362, 0.3619



93.6114, 0.3409, 0.3684



91.8049, 0.3263, 0.3677



19.7799, 0.3272, 0.3494



37.3235, 0.4445, 0.4853



3.5613, 0.4410, 0.4880

Inverse Universe

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



71.2494, 0.2884, 0.2938



69.4486, 0.2833, 0.2863



70.8804, 0.2976, 0.2895



17.0095, 0.2979, 0.3077



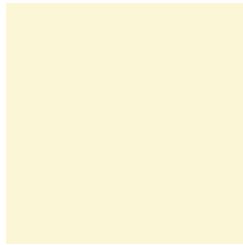
4.3445, 0.1528, 0.0699



0.5131, 0.1573, 0.0864

Previews

White Background



This preview shows how the Yxy color 91.2249, 0.3362, 0.3619 looks on a white background.

Color Contrast Check

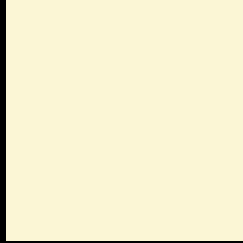
Large Text (above 18pt) WCAG AA × Fail

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 91.2249, 0.3362, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

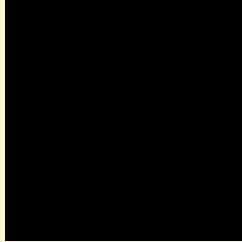
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

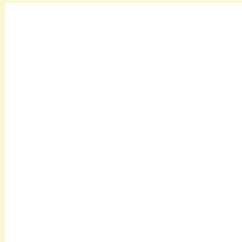
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2249, 0.3362, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 91.2249, 0.3362, 0.3619.



This preview shows how white text looks on a background with the Yxy color 91.2249, 0.3362, 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

91.2249, 0.3362, 0.3619

Protanopia

91.0233, 0.3361, 0.3547

Deuteranopia

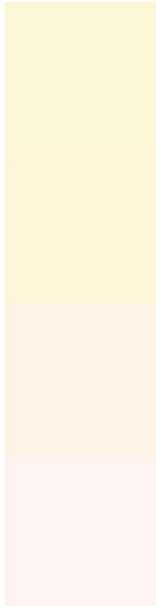
90.8787, 0.3244, 0.3339



Tritanopia

91.2014, 0.3127, 0.3155

Trichromacy



Original Color

91.2249, 0.3362, 0.3619

Protanomaly

91.3335, 0.3365, 0.3577

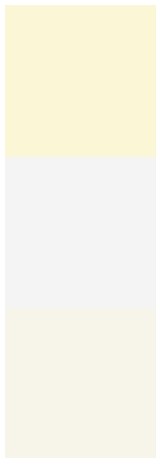
Deuteranomaly

90.7735, 0.3292, 0.3438

Tritanomaly

91.2751, 0.3211, 0.3320

Monochromacy



Original Color

91.2249, 0.3362, 0.3619

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9622, 0.3213, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2249, 0.3362, 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(251, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 213)  
}
```

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(251, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 213) }
```

Border

The CSS property to change the border of an element to Yxy 91.2249, 0.3362, 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(251, 246, 213) }
```

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

```
.border{ border-color:rgb(251, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2249, 0.3362, 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(251, 246, 213) }
```

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

```
.background{ background-color: rgb(251,  
246, 213) }
```

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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