

Converting Colors

$Yxy(92.4403, 0.3379, 0.3631)$

Have a look what the booklet for
Yxy(92.4403, 0.3379, 0.3631)
contains.

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Color

Yxy(92.3965, 0.3381, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7D5
RGB	254, 247, 213
RGB Percent	100%, 97%, 84%
CMY	0.0038, 0.0314, 0.1646
CMYK	0.00, 0.03, 0.16, 0.00
HSL	50°, 95%, 92%
HSV	50°, 16%, 100%
XYZ	86.1535, 92.3965, 76.2666
YIQ	245.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

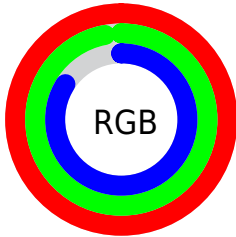
Format	Color
R_{YB}	221, 254, 213
Decimal	16709589
CIE Lab	96.98, -3.10, 17.18
CIE LCh	97, 17.456, 100.231
Yxy	92.3965, 0.3381, 0.3626
Android (android.graphics.Color)	4294899669 (0xFFFEF7D5)
YUV	245.2170, -15.8830, 7.7027
Hunter-Lab	96.1231, -8.2289, 20.2439

Details

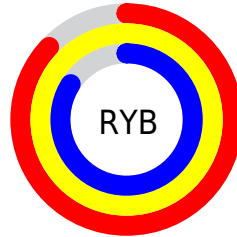
The Yxy color **92.3965, 0.3381, 0.3626** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.5274, 0.2867, 0.2930**, and the grayscale version is **91.6222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6005, 0.3436, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **88.5774, 0.3550, 0.3841**, and if you desaturate by 10%, it is **96.4880, 0.3220, 0.3415**.

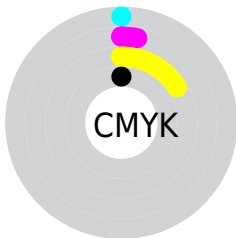
Distribution



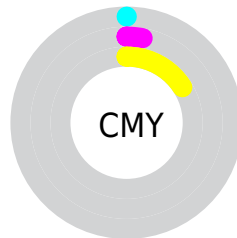
- Red (100%)
- Green (97%)
- Blue (84%)



- Red (87%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3965, 0.3381, 0.3626 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 92.3965, 0.3381, 0.3626 by changing the saturation by 10% instead.

 92.3965, 0.3381,
0.3626

 92.3965, 0.3381,
0.3626

535.7961, 0.3269,
0.3476

 69.9700, 0.3405,
0.3659

150.6628, 0.3343,
0.3575

 51.5021, 0.3435,
0.3699

187.2714, 0.3328,
0.3555

 36.6083, 0.3471,
0.3748


229.3762, 0.3315,
0.3538

 24.9044, 0.3517,
0.3811

277.3615, 0.3304,
0.3522

 16.0058, 0.3576,
0.3894

331.6117, 0.3294,
0.3509

 9.5283, 0.3656,
0.4008

392.5113, 0.3285,

 5.0873, 0.3769,

0.3497

0.4172

460.4447, 0.3276,
0.3486

■ 2.2986, 0.3940,
0.4429

■ 0.7730, 0.4602,
0.5398

■ 92.3965, 0.3381,
0.3626

■ 92.3965, 0.3381,
0.3626

■ 88.5774, 0.3550,
0.3841

■ 96.4880, 0.3220,
0.3415

■ 85.0087, 0.3724,
0.4054

99.8152, 0.3121,
0.3290

■ 81.6839, 0.3897,
0.4257

■ 78.5916, 0.4063,
0.4438

■ 75.7191, 0.4214,
0.4588

■ 73.0520, 0.4343,
0.4698

■ 70.5738, 0.4445,
0.4762

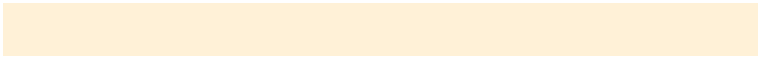
■ 68.2639, 0.4517,
0.4779

■ 67.4045, 0.4540,
0.4778

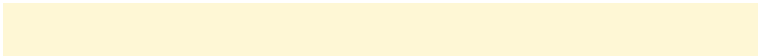
Harmonies

Analogous

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



92.3965, 0.3493, 0.3544



92.3965, 0.3381, 0.3626



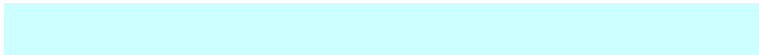
92.3965, 0.3203, 0.3615

Triad

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



92.3965, 0.3381, 0.3626



92.3965, 0.2764, 0.3161



92.3965, 0.3240, 0.3086

Complementary

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



92.3965, 0.3381, 0.3626



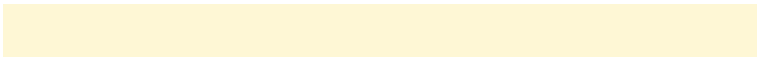
72.5274, 0.2867, 0.2930

Split Complementary

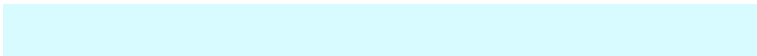
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3965, 0.3043, 0.2989



92.3965, 0.3381, 0.3626



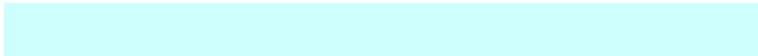
92.3965, 0.2773, 0.3026

Square

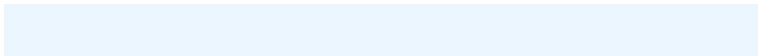
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3965, 0.3381, 0.3626



92.3965, 0.2849, 0.3339



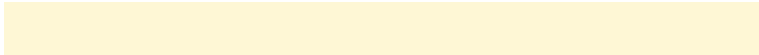
92.3965, 0.2873, 0.2966



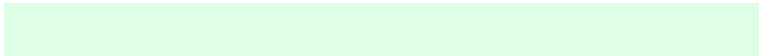
92.3965, 0.3411, 0.3234

Rectangle

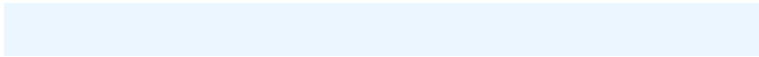
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.3965, 0.3381, 0.3626



92.3965, 0.3072, 0.3553



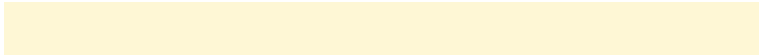
92.3965, 0.2873, 0.2966



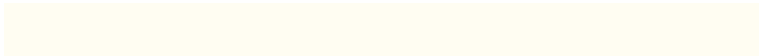
92.3965, 0.3174, 0.3046

Sweetspot

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



92.4006, 0.3381, 0.3626



97.8192, 0.3203, 0.3392



73.8780, 0.3380, 0.3215



20.8729, 0.3214, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

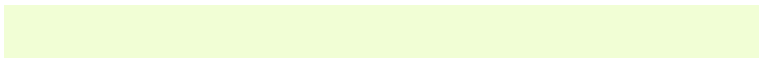
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4006, 0.3381, 0.3626



92.0779, 0.3429, 0.3688



94.4125, 0.3285, 0.3703



20.5295, 0.3273, 0.3485



35.7216, 0.4533, 0.4783



3.6116, 0.4487, 0.4819

Inverse Universe

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



72.5274, 0.2867, 0.2930



68.9480, 0.2816, 0.2858



70.9347, 0.2951, 0.2865



17.8809, 0.2979, 0.3087



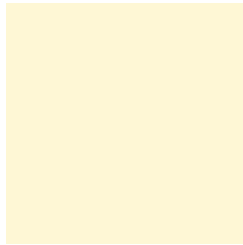
4.8484, 0.1542, 0.0750



0.6050, 0.1591, 0.0928

Previews

White Background



This preview shows how the Yxy color 92.3965, 0.3381, 0.3626 looks on a white background.

Color Contrast Check

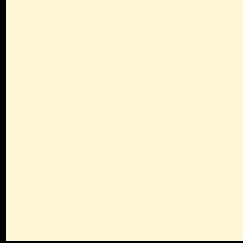
Large Text (above 18pt) WCAG AA × Fail

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 92.3965, 0.3381, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

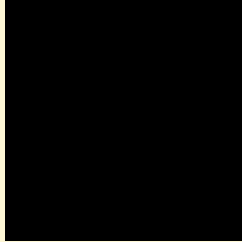
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3965, 0.3381, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 92.3965, 0.3381, 0.3626.



This preview shows how white text looks on a background with the Yxy color 92.3965, 0.3381, 0.3626.

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

92.3965, 0.3381, 0.3626

Protanopia

92.4992, 0.3327, 0.3516

Deuteranopia

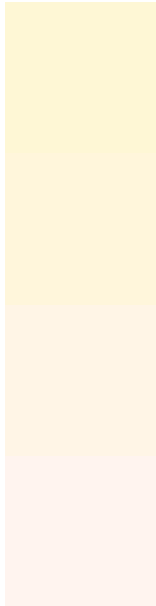
92.2526, 0.3223, 0.3329



Tritanopia

92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.3965, 0.3381, 0.3626

Protanomaly

92.2860, 0.3352, 0.3556

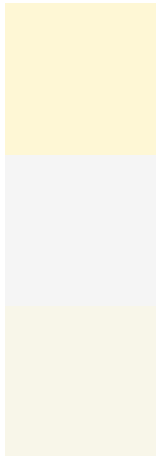
Deuteranomaly

92.2780, 0.3284, 0.3437

Tritanomaly

92.1934, 0.3229, 0.3339

Monochromacy



Original Color

92.3965, 0.3381, 0.3626

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.7512, 0.3218, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3965, 0.3381, 0.3626 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, 247, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 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(254, 247, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 213) }
```

Border

The CSS property to change the border of an element to Yxy 92.3965, 0.3381, 0.3626 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, 247, 213) }
```

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

```
.border{ border-color:rgb(254, 247, 213) }
```

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

Here you see how a box with a 4 pixel rgb(254, 247, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3965, 0.3381, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 213) }
```

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

```
.background{ background-color: rgb(254,  
247, 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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