

Converting Colors

$Y_{xy}(90.0078, 0.3361, 0.3580)$

Have a look what the booklet for
Yxy(90.0078, 0.3361, 0.3580)
contains.

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Color

Yxy(90.3031, 0.3359, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	FCF4D7
RGB	252, 244, 215
RGB Percent	99%, 96%, 84%
CMY	0.0119, 0.0431, 0.1568
CMYK	0.00, 0.03, 0.15, 0.01
HSL	47°, 86%, 92%
HSV	47°, 15%, 99%
XYZ	84.7522, 90.3031, 77.2585
YIQ	243.0860, 14.0770, -7.3230

Conversions

Conversions Part 2

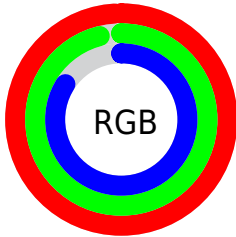
Format	Color
R _Y B	225, 252, 215
Decimal	16577751
CIE Lab	96.12, -2.03, 14.93
CIE LCh	96, 15.067, 97.752
Yxy	90.3031, 0.3359, 0.3579
Android (android.graphics.Color)	4294767831 (0xFFFCF4D7)
YUV	243.0860, -13.8464, 7.8176
Hunter-Lab	95.0279, -7.1008, 18.3163

Details

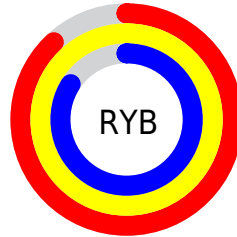
The Yxy color **90.3031, 0.3359, 0.3579** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.2267, 0.2893, 0.2983**, and the grayscale version is **89.8030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.1066, 0.3409, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **85.8964, 0.3531, 0.3784**, and if you desaturate by 10%, it is **95.0131, 0.3198, 0.3380**.

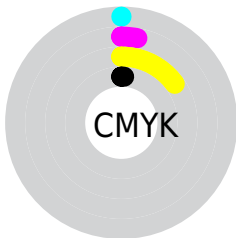
Distribution



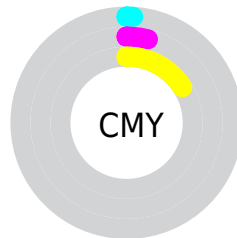
- Red (99%)
- Green (96%)
- Blue (84%)



- Red (88%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3031, 0.3359, 0.3579 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 90.3031, 0.3359, 0.3579 by changing the saturation by 10% instead.

 90.3031, 0.3359,
0.3579

 90.3031, 0.3359,
0.3579


529.0163, 0.3256,
0.3450

 68.2321, 0.3381,
0.3607


147.7593, 0.3324,
0.3535

 50.0866, 0.3409,
0.3642


183.9133, 0.3310,
0.3518

 35.4822, 0.3443,
0.3685


225.5304, 0.3298,
0.3503

 24.0345, 0.3485,
0.3740

272.9950, 0.3288,
0.3490

 15.3592, 0.3542,
0.3812

326.6915, 0.3279,
0.3478

 9.0719, 0.3618,
0.3912

387.0043, 0.3270,

 4.7881, 0.3728,

0.3468

0.4057

454.3178, 0.3263,
0.3458

■ 2.1235, 0.3897,
0.4287

■ 0.6778, 0.4673,
0.5327

■ 90.3031, 0.3359,
0.3579

■ 90.3031, 0.3359,
0.3579

■ 85.8964, 0.3531,
0.3784

■ 95.0131, 0.3198,
0.3380

■ 81.7712, 0.3710,
0.3988

■ 99.3356, 0.3108,
0.3289

■ 77.9207, 0.3893,
0.4184

■ 99.4287, 0.3108,
0.3290

■ 74.3336, 0.4072,
0.4362

■ 70.9972, 0.4240,
0.4511

■ 67.8972, 0.4389,
0.4622

■ 65.0175, 0.4511,
0.4686

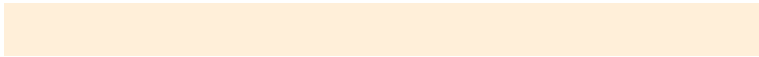
■ 62.3380, 0.4603,
0.4702

■ 60.9759, 0.4642,
0.4696

Harmonies

Analogous

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



90.3031, 0.3449, 0.3503



90.3031, 0.3359, 0.3579



90.3031, 0.3208, 0.3576

Triad

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



90.3031, 0.3359, 0.3579



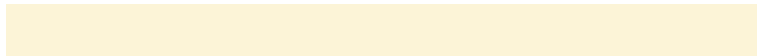
90.3031, 0.2814, 0.3191



90.3031, 0.3212, 0.3102

Complementary

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



90.3031, 0.3359, 0.3579



74.2267, 0.2893, 0.2983

Split Complementary

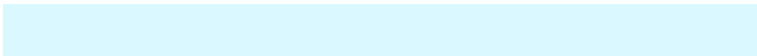
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3031, 0.3040, 0.3022



90.3031, 0.3359, 0.3579



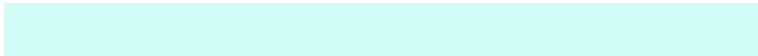
90.3031, 0.2814, 0.3068

Square

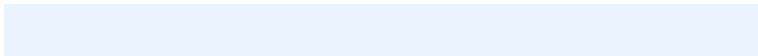
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.3031, 0.3359, 0.3579



90.3031, 0.2895, 0.3346



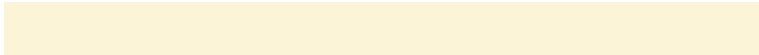
90.3031, 0.2896, 0.3009



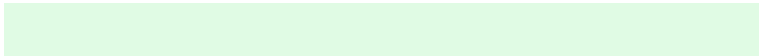
90.3031, 0.3363, 0.3230

Rectangle

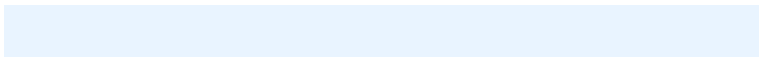
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.3031, 0.3359, 0.3579



90.3031, 0.3093, 0.3526



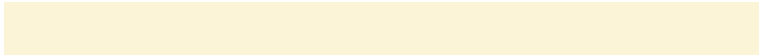
90.3031, 0.2896, 0.3009



90.3031, 0.3154, 0.3069

Sweetspot

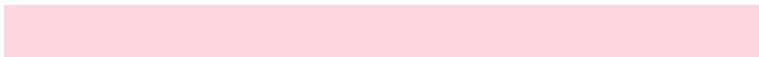
The Sweet Spot groups the original color and five complimentary colors.



90.3071, 0.3359, 0.3579



97.9688, 0.3188, 0.3367



74.6231, 0.3344, 0.3209



20.8888, 0.3199, 0.3382



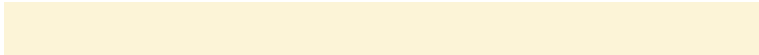
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



90.3071, 0.3359, 0.3579



91.2514, 0.3415, 0.3647



93.2928, 0.3279, 0.3663



19.5200, 0.3274, 0.3475



31.9979, 0.4633, 0.4703



3.1155, 0.4570, 0.4753

Inverse Universe

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



74.2267, 0.2893, 0.2983



71.4377, 0.2835, 0.2906



71.7166, 0.2960, 0.2905



17.2480, 0.2979, 0.3098



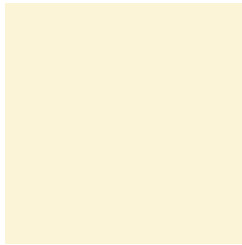
5.2181, 0.1561, 0.0820



0.6311, 0.1619, 0.1028

Previews

White Background



This preview shows how the Yxy color 90.3031, 0.3359, 0.3579 looks on a white background.

Color Contrast Check

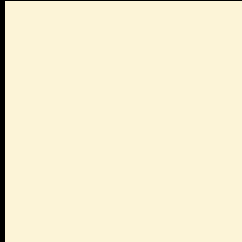
Large Text (above 18pt) WCAG AA × Fail

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 90.3031, 0.3359, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

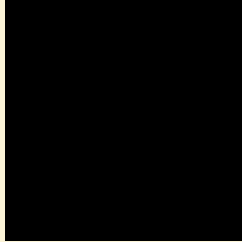
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.3031, 0.3359, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 90.3031, 0.3359, 0.3579.



This preview shows how white text looks on a background with the Yxy color 90.3031, 0.3359, 0.3579.

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

90.3031, 0.3359, 0.3579

Protanopia

90.2675, 0.3381, 0.3567

Deuteranopia

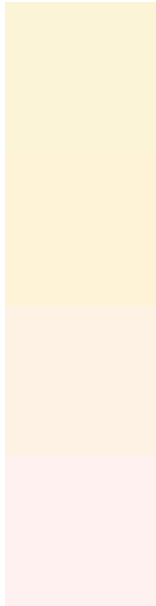
90.2267, 0.3251, 0.3339



Tritanopia

90.1488, 0.3140, 0.3146

Trichromacy



Original Color

90.3031, 0.3359, 0.3579

Protanomaly

90.0783, 0.3374, 0.3568

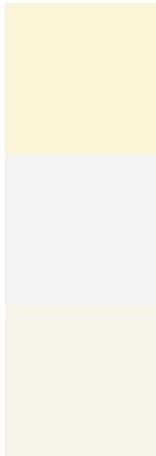
Deuteranomaly

90.1765, 0.3293, 0.3428

Tritanomaly

90.2727, 0.3219, 0.3300

Monochromacy



Original Color

90.3031, 0.3359, 0.3579

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5772, 0.3208, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3031, 0.3359, 0.3579 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(252, 244, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 215)  
}
```

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(252, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 215) }
```

Border

The CSS property to change the border of an element to Yxy 90.3031, 0.3359, 0.3579 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(252, 244, 215) }
```

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

```
.border{ border-color:rgb(252, 244, 215) }
```

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

Here you see how a box with a 4 pixel rgb(252, 244, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3031, 0.3359, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 215) }
```

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

```
.background{ background-color: rgb(252,  
244, 215) }
```

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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