

Converting Colors

$Y_{xy}(92.7838, 0.3267, 0.3451)$

Have a look what the booklet for
Yxy(92.7838, 0.3267, 0.3451)
contains.

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Color

Yxy(93.1173, 0.3269, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	FDF7E6
RGB	253, 247, 230
RGB Percent	99%, 97%, 90%
CMY	0.0078, 0.0314, 0.0981
CMYK	0.00, 0.02, 0.09, 0.01
HSL	44°, 85%, 95%
HSV	44°, 9%, 99%
XYZ	88.0534, 93.1173, 88.1880
YIQ	246.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

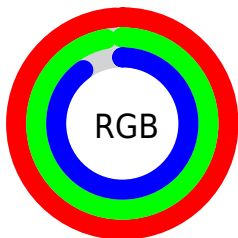
Format	Color
R _Y B	238, 253, 230
Decimal	16644070
CIE Lab	97.28, -0.83, 8.87
CIE LCh	97, 8.912, 95.359
Yxy	93.1173, 0.3269, 0.3457
Android (android.graphics.Color)	4294834150 (0xFFFD7E6)
YUV	246.8560, -8.3100, 5.3883
Hunter-Lab	96.4973, -5.9898, 13.3635

Details

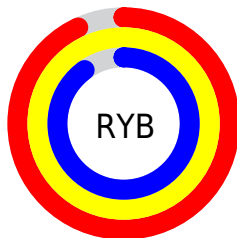
The Yxy color **93.1173, 0.3269, 0.3457** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9048, 0.2985, 0.3117**, and the grayscale version is **92.9553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0925, 0.3292, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **87.8340, 0.3438, 0.3648**, and if you desaturate by 10%, it is **98.7392, 0.3115, 0.3277**.

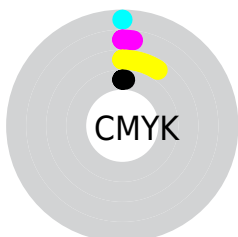
Distribution



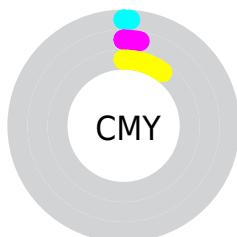
- Red (99%)
- Green (97%)
- Blue (90%)



- Red (93%)
- Yellow (99%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1173, 0.3269, 0.3457 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 93.1173, 0.3269, 0.3457 by changing the saturation by 10% instead.


 93.1173, 0.3269,
0.3457

 93.1173, 0.3269,
0.3457

538.1200, 0.3206,
0.3383

 70.5690, 0.3283,
0.3473


151.6610, 0.3248,
0.3432

 51.9905, 0.3299,
0.3493


188.4252, 0.3239,
0.3422

 36.9975, 0.3320,
0.3517


230.6968, 0.3232,
0.3413

 25.2056, 0.3346,
0.3548


278.8602, 0.3226,
0.3406

 16.2303, 0.3380,
0.3589

333.2999, 0.3220,
0.3399

 9.6873, 0.3428,
0.3646

394.4001, 0.3215,

 5.1921, 0.3496,

0.3393

0.3728

462.5454, 0.3210,
0.3388

■ 2.3604, 0.3604,
0.3858

■ 0.8054, 0.4123,
0.4457

■ 93.1173, 0.3269,
0.3457

■ 93.1173, 0.3269,
0.3457

■ 87.8340, 0.3438,
0.3648

■ 98.7392, 0.3115,
0.3277

■ 82.8857, 0.3619,
0.3843

■ 99.6248, 0.3115,
0.3290

■ 78.2654, 0.3809,
0.4035

■ 73.9615, 0.4002,
0.4216

■ 69.9610, 0.4191,
0.4375

■ 66.2500, 0.4368,
0.4501

■ 62.8124, 0.4524,
0.4584

■ 59.6298, 0.4651,
0.4619

■ 56.6752, 0.4749,
0.4607

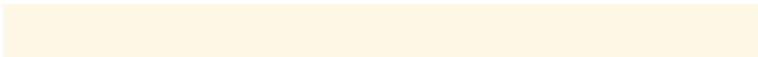
Harmonies

Analogous

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



93.1173, 0.3317, 0.3412



93.1173, 0.3269, 0.3457



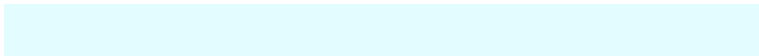
93.1173, 0.3183, 0.3457

Triad

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



93.1173, 0.3269, 0.3457



93.1173, 0.2944, 0.3240



93.1173, 0.3169, 0.3174

Complementary

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



93.1173, 0.3269, 0.3457



83.9048, 0.2985, 0.3117

Split Complementary

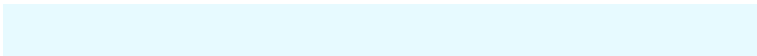
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1173, 0.3069, 0.3129



93.1173, 0.3269, 0.3457



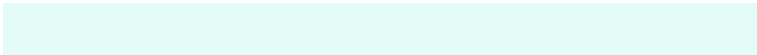
93.1173, 0.2941, 0.3166

Square

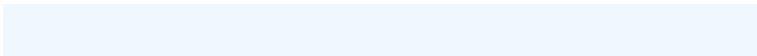
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.1173, 0.3269, 0.3457



93.1173, 0.2996, 0.3331



93.1173, 0.2986, 0.3126



93.1173, 0.3259, 0.3249

Rectangle

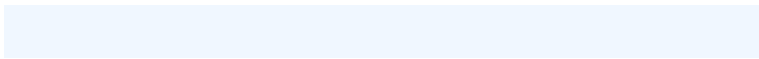
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.1173, 0.3269, 0.3457



93.1173, 0.3116, 0.3431



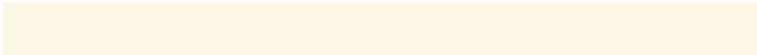
93.1173, 0.2986, 0.3126



93.1173, 0.3136, 0.3155

Sweetspot

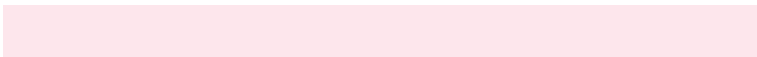
The Sweet Spot groups the original color and five complimentary colors.



93.1214, 0.3269, 0.3457



98.2498, 0.3173, 0.3344



83.5376, 0.3246, 0.3230



20.9306, 0.3185, 0.3359



0.0000, 0.0000, 0.0000



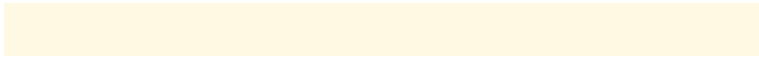
21.4041, 0.3127, 0.3290

Same Dimension

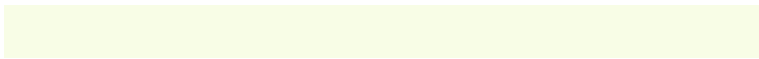
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1214, 0.3269, 0.3457



93.7412, 0.3300, 0.3493



95.8613, 0.3228, 0.3517



20.2411, 0.3276, 0.3465



30.2582, 0.4746, 0.4614



3.1237, 0.4668, 0.4675

Inverse Universe

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



83.9048, 0.2985, 0.3117



82.5426, 0.2954, 0.3079



81.4057, 0.3020, 0.3058



18.1484, 0.2979, 0.3109



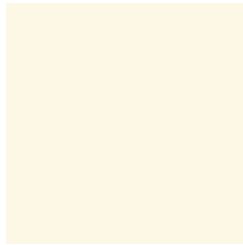
6.0464, 0.1585, 0.0907



0.7571, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 93.1173, 0.3269, 0.3457 looks on a white background.

Color Contrast Check

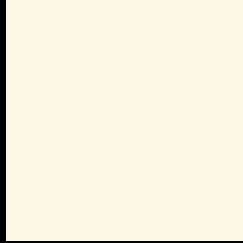
Large Text (above 18pt) WCAG AA × Fail

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 93.1173, 0.3269, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

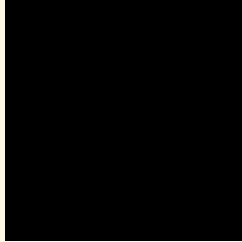
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1173, 0.3269, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 93.1173, 0.3269, 0.3457.

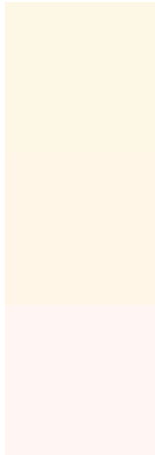


This preview shows how white text looks on a background with the Yxy color 93.1173, 0.3269, 0.3457.

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

93.1173, 0.3269, 0.3457

Protanopia

92.9411, 0.3277, 0.3437

Deuteranopia

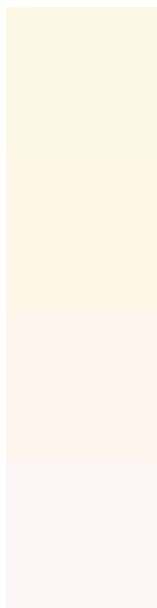
93.0359, 0.3204, 0.3310



Tritanopia

93.4075, 0.3119, 0.3194

Trichromacy



Original Color

93.1173, 0.3269, 0.3457

Protanomaly

92.7519, 0.3270, 0.3437

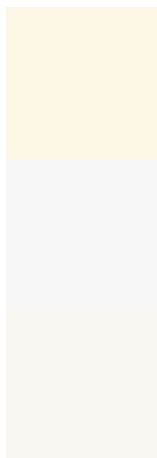
Deuteranomaly

93.1554, 0.3227, 0.3368

Tritanomaly

93.4480, 0.3172, 0.3290

Monochromacy



Original Color

93.1173, 0.3269, 0.3457

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.0121, 0.3176, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1173, 0.3269, 0.3457 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, 247, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 230)  
}
```

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, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 230) }
```

Border

The CSS property to change the border of an element to Yxy 93.1173, 0.3269, 0.3457 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, 247, 230) }
```

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

```
.border{ border-color:rgb(253, 247, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 247, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(253, 247,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1173, 0.3269, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 230) }
```

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

```
.background{ background-color: rgb(253,  
247, 230) }
```

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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