

Converting Colors

$Yxy(92.6311, 0.3261, 0.3495)$

Have a look what the booklet for
Yxy(92.6311, 0.3261, 0.3495)
contains.

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Color

Yxy(92.8206, 0.3260, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	F9F8E3
RGB	249, 248, 227
RGB Percent	98%, 97%, 89%
CMY	0.0234, 0.0275, 0.1098
CMYK	0.00, 0.00, 0.09, 0.02
HSL	57°, 65%, 93%
HSV	57°, 9%, 98%
XYZ	86.5052, 92.8206, 86.0276
YIQ	245.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

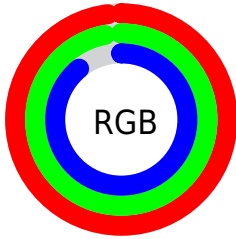
Format	Color
R_{YB}	228, 249, 227
Decimal	16382179
CIE Lab	97.15, -3.19, 10.20
CIE LCh	97, 10.687, 107.349
Yxy	92.8206, 0.3260, 0.3498
Android (android.graphics.Color)	4294572259 (0xFFFF9F8E3)
YUV	245.9050, -9.3202, 2.7143
Hunter-Lab	96.3434, -8.3288, 14.4988

Details

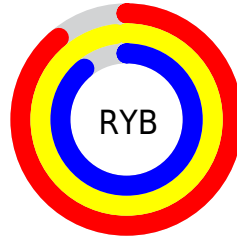
The Yxy color **92.8206, 0.3260, 0.3498** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.6714, 0.2990, 0.3073**, and the grayscale version is **92.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0153, 0.3289, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **90.8373, 0.3415, 0.3740**, and if you desaturate by 10%, it is **95.0153, 0.3110, 0.3263**.

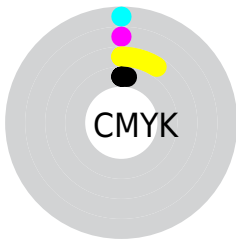
Distribution



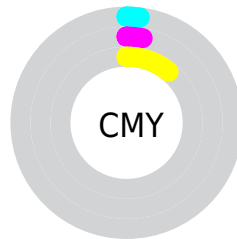
- Red (98%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (89%)



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




- Cyan (2%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8206, 0.3260, 0.3498 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 92.8206, 0.3260, 0.3498 by changing the saturation by 10% instead.

 92.8206, 0.3260,
0.3498

 92.8206, 0.3260,
0.3498

537.1641, 0.3201,
0.3405

 70.3224, 0.3273,
0.3518


151.2502, 0.3240,
0.3466

 51.7894, 0.3288,
0.3543


187.9504, 0.3232,
0.3454

 36.8372, 0.3307,
0.3574


230.1534, 0.3226,
0.3443

 25.0815, 0.3331,
0.3614

278.2436, 0.3220,
0.3434

 16.1378, 0.3363,
0.3666

332.6054, 0.3214,
0.3425

 9.6217, 0.3406,
0.3738

393.6231, 0.3210,

 5.1489, 0.3468,

0.3418

0.3843

461.6812, 0.3205,
0.3411

■ 2.3349, 0.3564,
0.4013

■ 0.7921, 0.4176,
0.4900

■ 92.8206, 0.3260,
0.3498

■ 92.8206, 0.3260,
0.3498

■ 90.8373, 0.3415,
0.3740

■ 95.0153, 0.3110,
0.3263

■ 89.0448, 0.3573,
0.3982

■ 95.9323, 0.3092,
0.3245


■ 87.4379, 0.3727,
0.4217

■ 96.6557, 0.3091,
0.3256

■ 86.0068, 0.3872,
0.4434


■ 97.3836, 0.3091,
0.3267


 84.7407, 0.4001,
0.4625


 98.1159, 0.3091,
0.3278


 83.6276, 0.4109,
0.4778

 98.8527, 0.3090,
0.3289

 82.6537, 0.4191,
0.4890

 98.8842, 0.3090,
0.3290

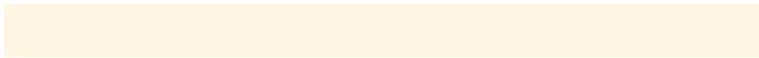
 81.8028, 0.4245,
0.4956

 81.0511, 0.4275,
0.4983

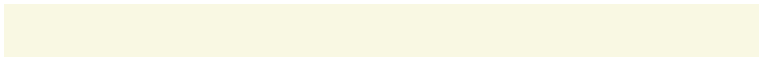
Harmonies

Analogous

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



92.8206, 0.3339, 0.3463



92.8206, 0.3260, 0.3498



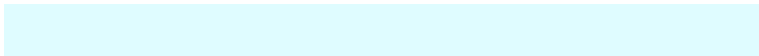
92.8206, 0.3146, 0.3475

Triad

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



92.8206, 0.3260, 0.3498



92.8206, 0.2899, 0.3190



92.8206, 0.3224, 0.3183

Complementary

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



92.8206, 0.3260, 0.3498



78.6714, 0.2990, 0.3073

Split Complementary

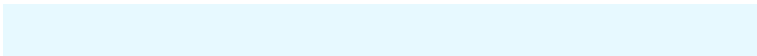
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8206, 0.3105, 0.3114



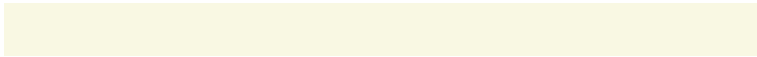
92.8206, 0.3260, 0.3498



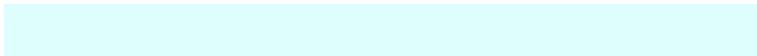
92.8206, 0.2919, 0.3115

Square

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



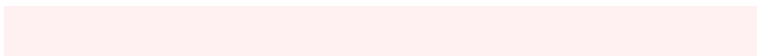
92.8206, 0.3260, 0.3498



92.8206, 0.2939, 0.3295



92.8206, 0.2993, 0.3088



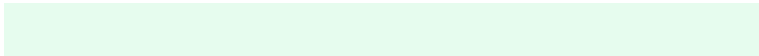
92.8206, 0.3318, 0.3281

Rectangle

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



92.8206, 0.3260, 0.3498



92.8206, 0.3066, 0.3430



92.8206, 0.2993, 0.3088



92.8206, 0.3185, 0.3156

Sweetspot

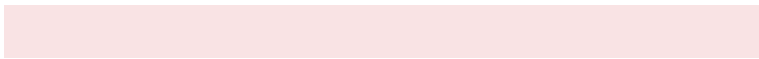
The Sweet Spot groups the original color and five complimentary colors.



92.8247, 0.3260, 0.3498



99.2902, 0.3172, 0.3360



80.6886, 0.3274, 0.3279



21.2123, 0.3184, 0.3379



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.



92.8247, 0.3260, 0.3498



97.4935, 0.3293, 0.3550



91.6826, 0.3194, 0.3512



20.0441, 0.3270, 0.3514



43.3912, 0.4277, 0.4986



4.0603, 0.4266, 0.4995

Inverse Universe

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



78.6714, 0.2990, 0.3073



79.1699, 0.2953, 0.3016



79.7675, 0.3055, 0.3067



16.7724, 0.2979, 0.3056



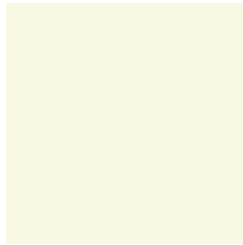
3.8517, 0.1508, 0.0628



0.4009, 0.1527, 0.0697

Previews

White Background



This preview shows how the Yxy color 92.8206, 0.3260, 0.3498 looks on a white background.

Color Contrast Check

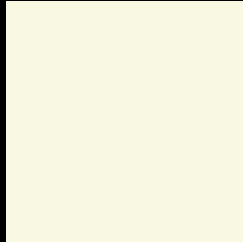
Large Text (above 18pt) WCAG AA × Fail

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 92.8206, 0.3260, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

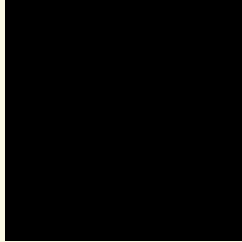
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

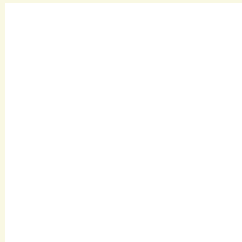
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8206, 0.3260, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 92.8206, 0.3260, 0.3498.

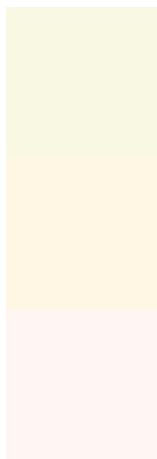


This preview shows how white text looks on a background with the Yxy color 92.8206, 0.3260, 0.3498.

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

92.8206, 0.3260, 0.3498

Protanopia

92.7730, 0.3296, 0.3466

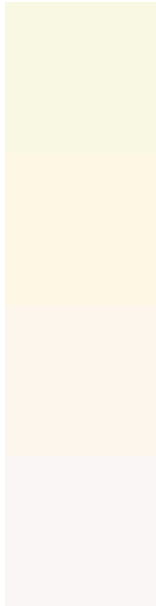
Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

92.8206, 0.3260, 0.3498

Protanomaly

93.0056, 0.3281, 0.3477

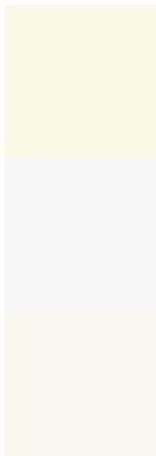
Deuteranomaly

92.9086, 0.3227, 0.3378

Tritanomaly

92.8281, 0.3159, 0.3300

Monochromacy



Original Color

92.8206, 0.3260, 0.3498

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.5277, 0.3175, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8206, 0.3260, 0.3498 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(249, 248, 227)` looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 227)  
}
```

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(249, 248, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 227) }
```

Border

The CSS property to change the border of an element to Yxy 92.8206, 0.3260, 0.3498 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(249, 248, 227) }
```

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

```
.border{ border-color:rgb(249, 248, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8206, 0.3260, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 227) }
```

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

```
.background{ background-color: rgb(249,  
248, 227) }
```

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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