

Converting Colors

$Yxy(92.2073, 0.3261, 0.3488)$

Have a look what the booklet for
Yxy(92.2073, 0.3261, 0.3488)
contains.

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Color

Yxy(92.2073, 0.3261, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	F9F7E3
RGB	249, 247, 227
RGB Percent	98%, 97%, 89%
CMY	0.0234, 0.0314, 0.1097
CMYK	0.00, 0.01, 0.09, 0.02
HSL	54°, 65%, 93%
HSV	54°, 9%, 98%
XYZ	86.2064, 92.2073, 85.9421
YIQ	245.3180, 7.6120, -5.7960

Conversions

Conversions Part 2

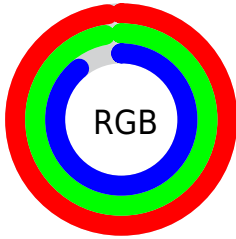
Format	Color
R_{YB}	229, 249, 227
Decimal	16381923
CIE _{Lab}	96.90, -2.67, 9.83
CIE _{LCh}	97, 10.187, 105.187
Yxy	92.2073, 0.3261, 0.3488
Android (android.graphics.Color)	4294572003 (0xFFFF9F7E3)
YUV	245.3180, -9.0308, 3.2291
Hunter-Lab	96.0246, -7.7942, 14.1527

Details

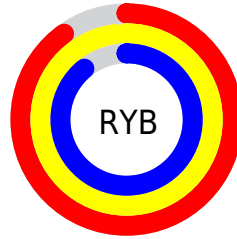
The Yxy color 92.2073, 0.3261, 0.3488 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 79.2570, 0.2990, 0.3084, and the grayscale version is 91.6576, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5776, 0.3290, 0.3530 is the 20% darker color. If you saturate the color by 10%, you get 89.5229, 0.3419, 0.3719, and if you desaturate by 10%, it is 95.1164, 0.3110, 0.3265.

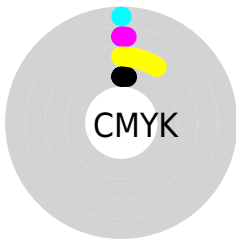
Distribution



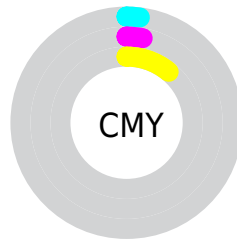
- Red (98%)
- Green (97%)
- Blue (89%)



- Red (90%)
- Yellow (98%)
- Blue (89%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2073, 0.3261, 0.3488 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 92.2073, 0.3261, 0.3488 by changing the saturation by 10% instead.

 92.2073, 0.3261,
0.3488

 92.2073, 0.3261,
0.3488

535.1853, 0.3202,
0.3400

 69.8128, 0.3274,
0.3507


150.4007, 0.3241,
0.3458

 51.3740, 0.3290,
0.3531


186.9684, 0.3233,
0.3446

 36.5063, 0.3309,
0.3560


229.0292, 0.3226,
0.3436

 24.8255, 0.3333,
0.3598

276.9677, 0.3220,
0.3427

 15.9471, 0.3366,
0.3648

331.1681, 0.3215,
0.3419

 9.4867, 0.3410,
0.3716

392.0149, 0.3210,

 5.0600, 0.3473,

0.3412

459.8925, 0.3206,
0.3405

0.3817

■ 2.2825, 0.3573,
0.3979

■ 0.7644, 0.4211,
0.4866

■ 92.2073, 0.3261,
0.3488

■ 92.2073, 0.3261,
0.3488

■ 89.5229, 0.3419,
0.3719

■ 95.1164, 0.3110,
0.3265

■ 87.0425, 0.3581,
0.3951

■ 96.7592, 0.3092,
0.3258

■ 84.7610, 0.3743,
0.4177

■ 98.2234, 0.3091,
0.3280

■ 82.6684, 0.3897,
0.4388

■ 98.8878, 0.3090,
0.3290

■ 80.7538, 0.4039,
0.4573

■ 79.0053, 0.4160,
0.4722

■ 77.4089, 0.4256,
0.4829

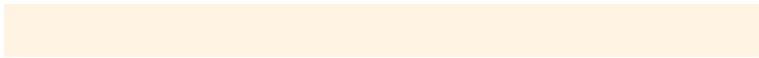
■ 75.9485, 0.4324,
0.4890

■ 74.6001, 0.4366,
0.4911

Harmonies

Analogous

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



92.2073, 0.3333, 0.3451



92.2073, 0.3261, 0.3488



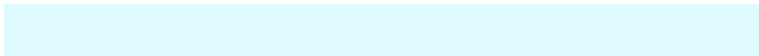
92.2073, 0.3154, 0.3470

Triad

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



92.2073, 0.3261, 0.3488



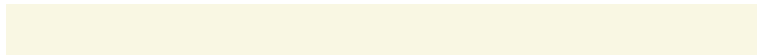
92.2073, 0.2910, 0.3201



92.2073, 0.3212, 0.3182

Complementary

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



92.2073, 0.3261, 0.3488



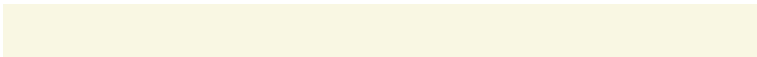
79.2570, 0.2990, 0.3084

Split Complementary

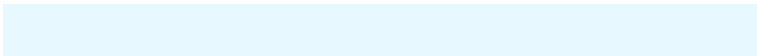
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2073, 0.3097, 0.3118



92.2073, 0.3261, 0.3488



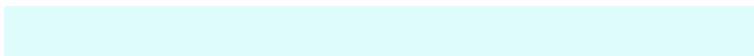
92.2073, 0.2925, 0.3127

Square

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



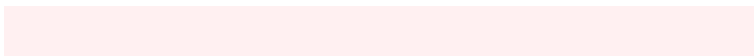
92.2073, 0.3261, 0.3488



92.2073, 0.2952, 0.3302



92.2073, 0.2993, 0.3097



92.2073, 0.3305, 0.3274

Rectangle

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



92.2073, 0.3261, 0.3488



92.2073, 0.3077, 0.3429



92.2073, 0.2993, 0.3097



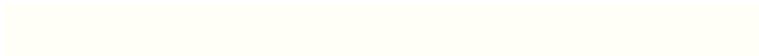
92.2073, 0.3175, 0.3157

Sweetspot

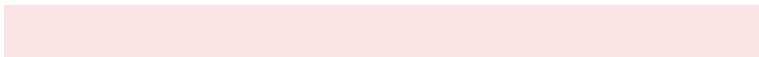
The Sweet Spot groups the original color and five complimentary colors.



92.2113, 0.3261, 0.3488



99.0629, 0.3172, 0.3356



80.7679, 0.3267, 0.3268



21.1507, 0.3184, 0.3374



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.



92.2113, 0.3261, 0.3488



96.6663, 0.3295, 0.3538



91.8924, 0.3201, 0.3512



19.8978, 0.3271, 0.3503



39.9479, 0.4367, 0.4915



3.7781, 0.4344, 0.4933

Inverse Universe

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



79.2570, 0.2990, 0.3084



79.8944, 0.2954, 0.3030



79.5966, 0.3048, 0.3067



16.9031, 0.2979, 0.3068



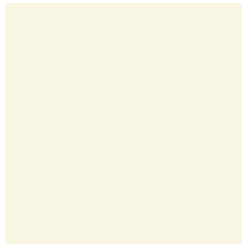
4.0805, 0.1517, 0.0661



0.4629, 0.1553, 0.0790

Previews

White Background



This preview shows how the Yxy color 92.2073, 0.3261, 0.3488 looks on a white background.

Color Contrast Check

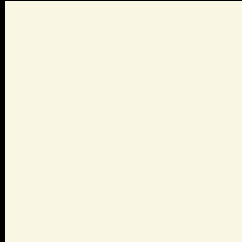
Large Text (above 18pt) WCAG AA × Fail

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 92.2073, 0.3261, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

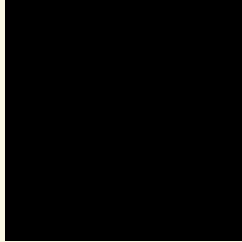
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2073, 0.3261, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 92.2073, 0.3261, 0.3488.

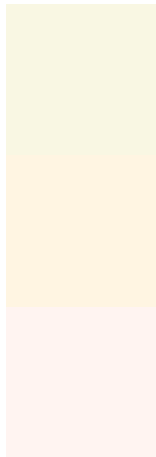


This preview shows how white text looks on a background with the Yxy color 92.2073, 0.3261, 0.3488.

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

92.2073, 0.3261, 0.3488

Protanopia

92.0558, 0.3309, 0.3477

Deuteranopia

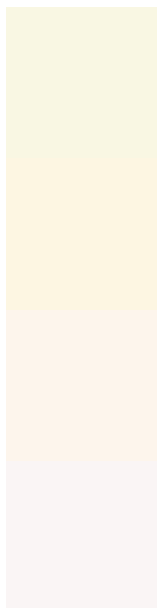
92.3122, 0.3217, 0.3319



Tritanopia

92.4306, 0.3106, 0.3184

Trichromacy



Original Color

92.2073, 0.3261, 0.3488

Protanomaly

92.2852, 0.3295, 0.3487

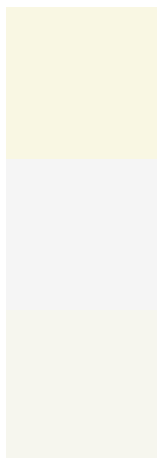
Deuteranomaly

92.2436, 0.3234, 0.3378

Tritanomaly

92.2214, 0.3159, 0.3290

Monochromacy



Original Color

92.2073, 0.3261, 0.3488

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6774, 0.3175, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2073, 0.3261, 0.3488 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, 247, 227)` looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 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, 247, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 227) }
```

Border

The CSS property to change the border of an element to Yxy 92.2073, 0.3261, 0.3488 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, 247, 227) }
```

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

```
.border{ border-color:rgb(249, 247, 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, 247, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2073, 0.3261, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 227) }
```

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

```
.background{ background-color: rgb(249,  
247, 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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