

Converting Colors

$Yxy(91.5281, 0.3325, 0.3714)$

Have a look what the booklet for
Yxy(91.5281, 0.3325, 0.3714)
contains.

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Color

Yxy(91.8025, 0.3327, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	F2FAD0
RGB	242, 250, 208
RGB Percent	95%, 98%, 82%
CMY	0.0509, 0.0196, 0.1844
CMYK	0.03, 0.00, 0.17, 0.02
HSL	71°, 81%, 90%
HSV	71°, 17%, 98%
XYZ	82.1924, 91.8025, 73.0517
YIQ	242.8200, 8.7140, -14.7580

Conversions

Conversions Part 2

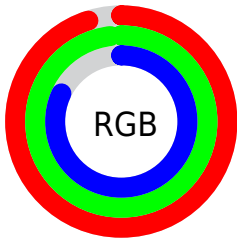
Format	Color
R _Y B	208, 250, 216
Decimal	15923920
CIE Lab	96.74, -9.59, 19.29
CIE LCh	97, 21.543, 116.425
Yxy	91.8025, 0.3327, 0.3716
Android (android.graphics.Color)	4294114000 (0xFFFF2FAD0)
YUV	242.8200, -17.1663, -0.7191
Hunter-Lab	95.8136, -14.5501, 21.8648

Details

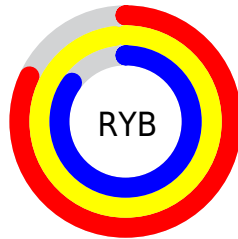
The Yxy color **91.8025, 0.3327, 0.3716** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.6007, 0.2906, 0.2841**, and the grayscale version is **89.6150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3558, 0.3365, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **89.8420, 0.3446, 0.3982**, and if you desaturate by 10%, it is **93.9868, 0.3207, 0.3458**.

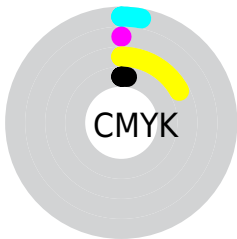
Distribution



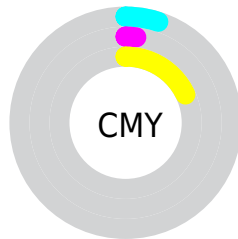
- Red (95%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)




- Cyan (5%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8025, 0.3327, 0.3716 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 91.8025, 0.3327, 0.3716 by changing the saturation by 10% instead.


 91.8025, 0.3327,
0.3716

 91.8025, 0.3327,
0.3716


533.8770, 0.3240,
0.3524

 69.4766, 0.3346,
0.3759


149.8396, 0.3298,
0.3650

 51.1000, 0.3368,
0.3811


186.3197, 0.3286,
0.3624

 36.2882, 0.3395,
0.3876


228.2865, 0.3276,
0.3602

 24.6568, 0.3429,
0.3959

276.1246, 0.3267,
0.3582

 15.8216, 0.3472,
0.4070

330.2183, 0.3259,
0.3565

 9.3980, 0.3528,
0.4224

390.9520, 0.3252,

 5.0017, 0.3602,

0.3550

0.4449

458.7101, 0.3246,
0.3536

■ 2.2482, 0.3723,
0.4837

■ 0.7461, 0.3890,
0.6110

■ 91.8025, 0.3327,
0.3716

■ 91.8025, 0.3327,
0.3716

■ 89.8420, 0.3446,
0.3982

■ 93.9868, 0.3207,
0.3458

■ 88.0841, 0.3560,
0.4248

■ 96.1976, 0.3108,
0.3242

■ 86.5227, 0.3663,
0.4505

■ 96.8521, 0.3129,
0.3242

■ 85.1471, 0.3750,
0.4742

■ 83.9452, 0.3816,
0.4948

■ 82.9034, 0.3857,
0.5113

■ 82.0057, 0.3872,
0.5231

■ 81.2321, 0.3861,
0.5304

■ 81.0013, 0.3855,
0.5321

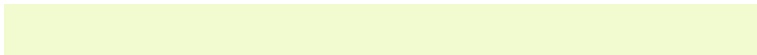
Harmonies

Analogous

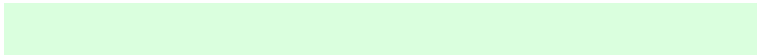
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8025, 0.3518, 0.3671



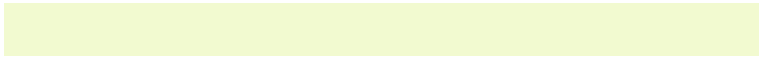
91.8025, 0.3327, 0.3716



91.8025, 0.3088, 0.3637

Triad

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



91.8025, 0.3327, 0.3716



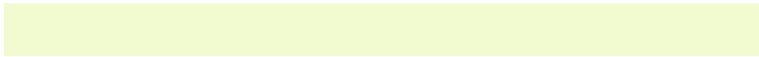
91.8025, 0.2672, 0.3029



91.8025, 0.3389, 0.3131

Complementary

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



91.8025, 0.3327, 0.3716



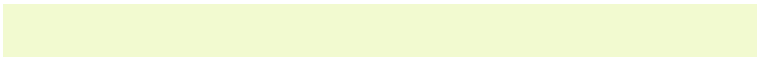
66.6007, 0.2906, 0.2841

Split Complementary

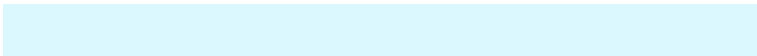
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8025, 0.3153, 0.2975



91.8025, 0.3327, 0.3716



91.8025, 0.2745, 0.2912

Square

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



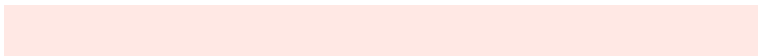
91.8025, 0.3327, 0.3716



91.8025, 0.2715, 0.3226



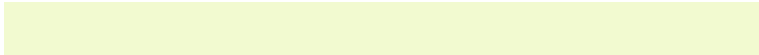
91.8025, 0.2918, 0.2895



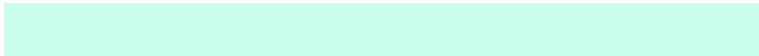
91.8025, 0.3556, 0.3329

Rectangle

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



91.8025, 0.3327, 0.3716



91.8025, 0.2934, 0.3523



91.8025, 0.2918, 0.2895



91.8025, 0.3314, 0.3072

Sweetspot

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



91.8065, 0.3327, 0.3716



98.7495, 0.3186, 0.3413



73.8300, 0.3437, 0.3370



21.0998, 0.3194, 0.3431



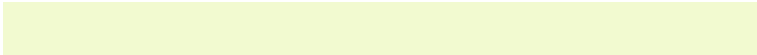
0.0000, 0.0000, 0.0000



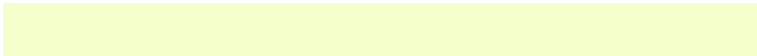
21.4041, 0.3127, 0.3290

Same Dimension

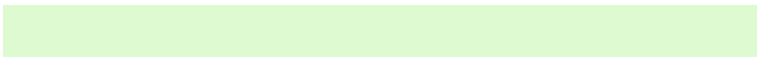
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8065, 0.3327, 0.3716



95.3486, 0.3365, 0.3801



88.3433, 0.3191, 0.3735



20.0144, 0.3239, 0.3526



43.0251, 0.3861, 0.5317



4.0263, 0.3903, 0.5283

Inverse Universe

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



66.6007, 0.2906, 0.2841



64.6547, 0.2857, 0.2746



69.9594, 0.3051, 0.2860



16.8016, 0.3008, 0.3047



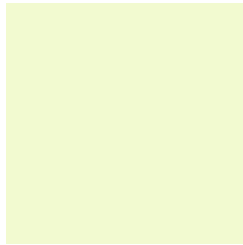
4.0333, 0.1589, 0.0649



0.4146, 0.1691, 0.0705

Previews

White Background



This preview shows how the Yxy color 91.8025, 0.3327, 0.3716 looks on a white background.

Color Contrast Check

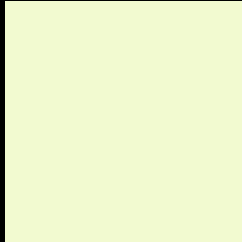
Large Text (above 18pt) WCAG AA × Fail

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 91.8025, 0.3327, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

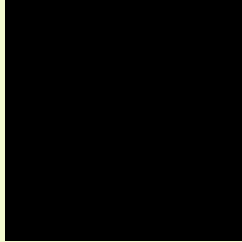
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

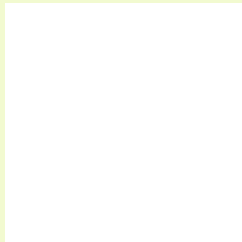
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8025, 0.3327, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 91.8025, 0.3327, 0.3716.

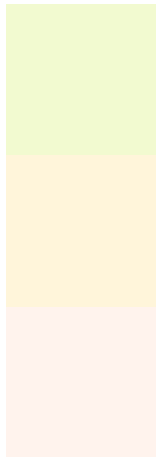


This preview shows how white text looks on a background with the Yxy color 91.8025, 0.3327, 0.3716.

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

91.8025, 0.3327, 0.3716

Protanopia

91.6268, 0.3359, 0.3557

Deuteranopia

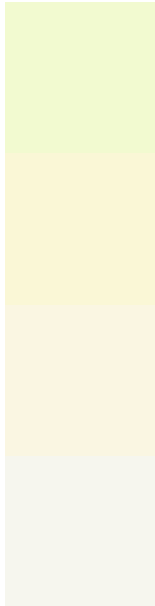
91.4756, 0.3243, 0.3349



Tritanopia

91.8778, 0.3087, 0.3183

Trichromacy



Original Color

91.8025, 0.3327, 0.3716

Protanomaly

91.7006, 0.3348, 0.3619

Deuteranomaly

91.7265, 0.3275, 0.3488

Tritanomaly

91.6774, 0.3175, 0.3369

Monochromacy



Original Color

91.8025, 0.3327, 0.3716

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6794, 0.3204, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8025, 0.3327, 0.3716 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(242, 250, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 208)  
}
```

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(242, 250, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 208) }
```

Border

The CSS property to change the border of an element to Yxy 91.8025, 0.3327, 0.3716 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(242, 250, 208) }
```

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

```
.border{ border-color:rgb(242, 250, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8025, 0.3327, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 208) }
```

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

```
.background{ background-color: rgb(242,  
250, 208) }
```

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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