

Converting Colors

$Yxy(90.6562, 0.3291, 0.3615)$

Have a look what the booklet for
Yxy(90.6562, 0.3291, 0.3615)
contains.

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Color

Yxy(90.4825, 0.3295, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	F3F7D7
RGB	243, 247, 215
RGB Percent	95%, 97%, 84%
CMY	0.0469, 0.0314, 0.1570
CMYK	0.02, 0.00, 0.13, 0.03
HSL	67°, 67%, 91%
HSV	67°, 13%, 97%
XYZ	82.4958, 90.4825, 77.3883
YIQ	242.1560, 7.8880, -10.8000

Conversions

Conversions Part 2

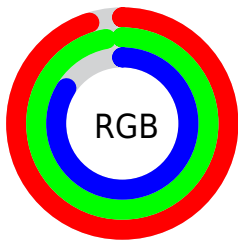
Format	Color
RYB	215, 247, 219
Decimal	15988695
CIELab	96.20, -6.66, 14.96
CIELCh	96, 16.374, 114.006
Yxy	90.4825, 0.3295, 0.3614
Android (android.graphics.Color)	4294178775 (0xFFFF3F7D7)
YUV	242.1560, -13.3879, 0.7402
Hunter-Lab	95.1223, -11.6580, 18.3492

Details

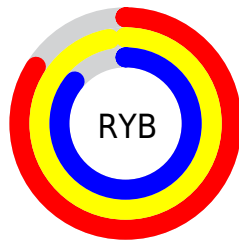
The Yxy color **90.4825, 0.3295, 0.3614** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.3525, 0.2947, 0.2950**, and the grayscale version is **89.0317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3645, 0.3333, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **88.7725, 0.3426, 0.3874**, and if you desaturate by 10%, it is **92.4011, 0.3165, 0.3362**.

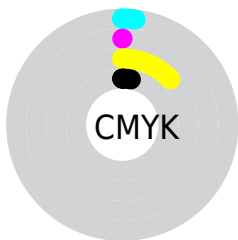
Distribution



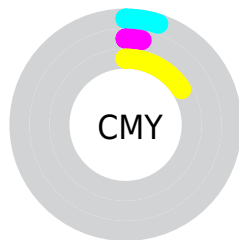
- Red (95%)
- Green (97%)
- Blue (84%)



- Red (84%)
- Yellow (97%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4825, 0.3295, 0.3614 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 90.4825, 0.3295, 0.3614 by changing the saturation by 10% instead.

90.4825, 0.3295,
0.3614

90.4825, 0.3295,
0.3614

529.5992, 0.3221,
0.3468

68.3809, 0.3311,
0.3646

148.0084, 0.3270,
0.3564

50.2077, 0.3330,
0.3686

184.2015, 0.3260,
0.3545

35.5784, 0.3354,
0.3735

225.8606, 0.3252,
0.3528

24.1088, 0.3384,
0.3799

273.3700, 0.3244,
0.3513

15.4143, 0.3423,
0.3883

327.1142, 0.3237,
0.3500

9.1107, 0.3475,
0.4001

387.4775, 0.3231,

4.8135, 0.3547,

0.3488

0.4174

454.8444, 0.3226,
0.3477

■ 2.1382, 0.3654,
0.4456

■ 0.6860, 0.4164,
0.5836

■ 90.4825, 0.3295,
0.3614

■ 90.4825, 0.3295,
0.3614

■ 88.7725, 0.3426,
0.3874

■ 92.4011, 0.3165,
0.3362

■ 87.2507, 0.3555,
0.4135

■ 93.9059, 0.3094,
0.3213

■ 85.9118, 0.3675,
0.4388

■ 94.4718, 0.3113,
0.3213

■ 84.7456, 0.3781,
0.4622

■ 94.9997, 0.3131,
0.3214

■ 83.7412, 0.3868,
0.4827

■ 82.8860, 0.3931,
0.4995

■ 82.1657, 0.3967,
0.5117

■ 81.5630, 0.3978,
0.5194

■ 81.1912, 0.3973,
0.5227

Harmonies

Analogous

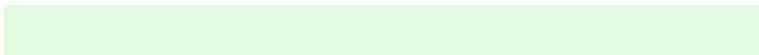
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4825, 0.3434, 0.3575



90.4825, 0.3295, 0.3614



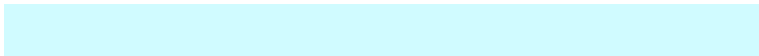
90.4825, 0.3113, 0.3560

Triad

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



90.4825, 0.3295, 0.3614



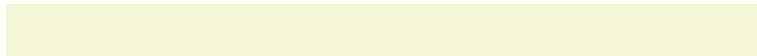
90.4825, 0.2776, 0.3103



90.4825, 0.3314, 0.3157

Complementary

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



90.4825, 0.3295, 0.3614



70.3525, 0.2947, 0.2950

Split Complementary

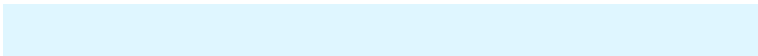
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4825, 0.3133, 0.3039



90.4825, 0.3295, 0.3614



90.4825, 0.2826, 0.3005

Square

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



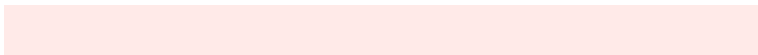
90.4825, 0.3295, 0.3614



90.4825, 0.2817, 0.3257



90.4825, 0.2955, 0.2984



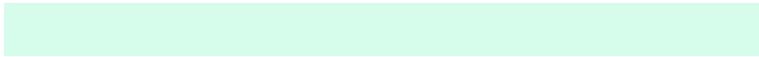
90.4825, 0.3447, 0.3310

Rectangle

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



90.4825, 0.3295, 0.3614



90.4825, 0.2994, 0.3478



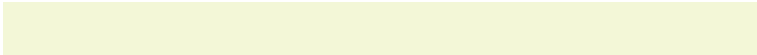
90.4825, 0.2955, 0.2984



90.4825, 0.3256, 0.3112

Sweetspot

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



90.4865, 0.3295, 0.3614



99.1221, 0.3178, 0.3388



75.1906, 0.3359, 0.3329



21.1817, 0.3188, 0.3407



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.



90.4865, 0.3295, 0.3614



96.7016, 0.3335, 0.3693



87.7962, 0.3190, 0.3625



19.2036, 0.3249, 0.3525



42.9832, 0.3977, 0.5224



3.8064, 0.4006, 0.5201

Inverse Universe

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



70.3525, 0.2947, 0.2950



70.5120, 0.2899, 0.2862



72.9179, 0.3056, 0.2961



16.0248, 0.2998, 0.3047



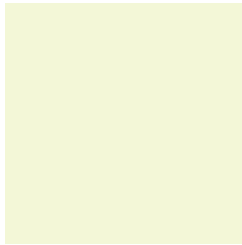
3.7337, 0.1545, 0.0625



0.3589, 0.1630, 0.0672

Previews

White Background



This preview shows how the Yxy color 90.4825, 0.3295, 0.3614 looks on a white background.

Color Contrast Check

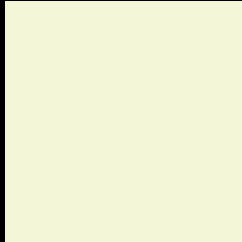
Large Text (above 18pt) WCAG AA × Fail

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 90.4825, 0.3295, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

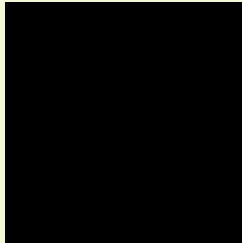
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

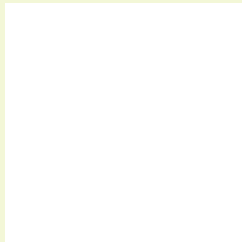
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4825, 0.3295, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 90.4825, 0.3295, 0.3614.

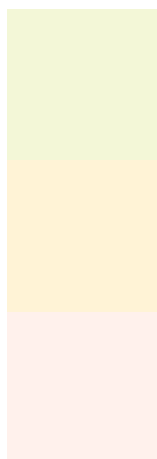


This preview shows how white text looks on a background with the Yxy color 90.4825, 0.3295, 0.3614.

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

90.4825, 0.3295, 0.3614

Protanopia

90.2162, 0.3388, 0.3578

Deuteranopia

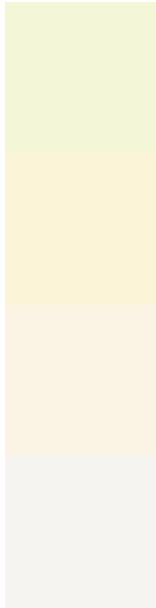
90.2267, 0.3251, 0.3339



Tritanopia

90.6807, 0.3088, 0.3164

Trichromacy



Original Color

90.4825, 0.3295, 0.3614

Protanomaly

90.0656, 0.3359, 0.3590

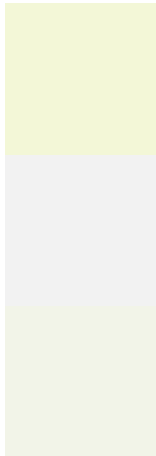
Deuteranomaly

90.2119, 0.3272, 0.3439

Tritanomaly

90.5855, 0.3164, 0.3330

Monochromacy



Original Color

90.4825, 0.3295, 0.3614

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.4048, 0.3187, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4825, 0.3295, 0.3614 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(243, 247, 215)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 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(243, 247, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 215) }
```

Border

The CSS property to change the border of an element to Yxy 90.4825, 0.3295, 0.3614 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(243, 247, 215) }
```

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

```
.border{ border-color:rgb(243, 247, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4825, 0.3295, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 215) }
```

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

```
.background{ background-color: rgb(243,  
247, 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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