

Converting Colors

$Yxy(90.6303, 0.3508, 0.4028)$

Have a look what the booklet for
Yxy(90.6303, 0.3508, 0.4028)
contains.

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Color

Yxy(90.4628, 0.3508, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	F2FAB2
RGB	242, 250, 178
RGB Percent	95%, 98%, 70%
CMY	0.0510, 0.0196, 0.3018
CMYK	0.03, 0.00, 0.29, 0.02
HSL	67°, 88%, 84%
HSV	67°, 29%, 98%
XYZ	78.8431, 90.4628, 55.4464
YIQ	239.4000, 18.3440, -24.0880

Conversions

Conversions Part 2

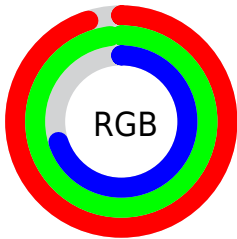
Format	Color
RYB	178, 250, 186
Decimal	15923890
CIELab	96.19, -13.77, 33.72
CIELCh	96, 36.422, 112.218
Yxy	90.4628, 0.3508, 0.4025
Android (android.graphics.Color)	4294113970 (0xFFFF2FAB2)
YUV	239.4000, -30.2702, 2.2802
Hunter-Lab	95.1119, -18.4782, 32.0147

Details

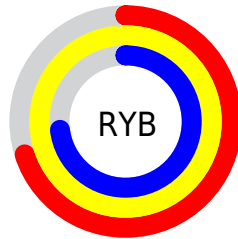
The Yxy color **90.4628, 0.3508, 0.4025** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.2048, 0.2675, 0.2463**, and the grayscale version is **86.8794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **50.3785, 0.3576, 0.4190** is the 20% darker color. If you saturate the color by 10%, you get **89.0639, 0.3635, 0.4281**, and if you desaturate by 10%, it is **92.0603, 0.3376, 0.3764**.

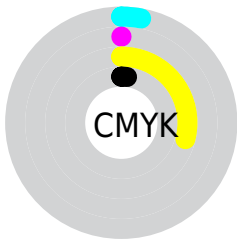
Distribution



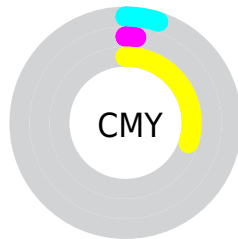
- Red (95%)
- Green (98%)
- Blue (70%)



- Red (70%)
- Yellow (98%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4628, 0.3508, 0.4025 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 90.4628, 0.3508, 0.4025 by changing the saturation by 10% instead.

 90.4628, 0.3508,
0.4025

 90.4628, 0.3508,
0.4025


529.5352, 0.3345,
0.3692

 68.3646, 0.3542,
0.4099


 147.9811, 0.3454,
0.3911

 50.1944, 0.3581,
0.4188


184.1699, 0.3433,
0.3866

 35.5679, 0.3628,
0.4300


225.8244, 0.3414,
0.3828

 24.1006, 0.3685,
0.4441

273.3289, 0.3397,
0.3794

 15.4083, 0.3753,
0.4625

327.0678, 0.3382,
0.3764

 9.1064, 0.3831,
0.4872

387.4256, 0.3368,

 4.8107, 0.3915,

0.3737

0.5217

454.7866, 0.3356,
0.3713

■ 2.1366, 0.4099,
0.5901

■ 0.6851, 0.3149,
0.6851

■ 90.4628, 0.3508,
0.4025

■ 90.4628, 0.3508,
0.4025

■ 89.0639, 0.3635,
0.4281

■ 92.0603, 0.3376,
0.3764

■ 87.8415, 0.3750,
0.4523

■ 93.8534, 0.3242,
0.3507

■ 86.7887, 0.3847,
0.4739

■ 95.8549, 0.3112,
0.3261

■ 85.8933, 0.3923,
0.4921

■ 96.4985, 0.3118,
0.3242

■ 85.1415, 0.3973,
0.5059

■ 96.8532, 0.3129,
0.3242

■ 84.5168, 0.3996,
0.5153

■ 83.9954, 0.3996,
0.5204

■ 83.9353, 0.3995,
0.5210

Harmonies

Analogous

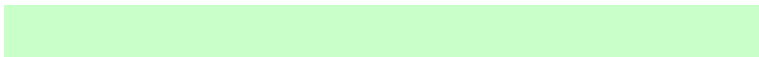
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4628, 0.3819, 0.3897



90.4628, 0.3508, 0.4025



90.4628, 0.3107, 0.3930

Triad

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



90.4628, 0.3508, 0.4025



90.4628, 0.2373, 0.2877



90.4628, 0.3517, 0.2982

Complementary

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



90.4628, 0.3508, 0.4025



49.2048, 0.2675, 0.2463

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.



90.4628, 0.3105, 0.2746



90.4628, 0.3508, 0.4025



90.4628, 0.2464, 0.2673

Square

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



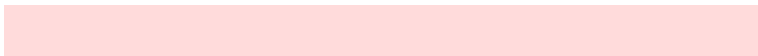
90.4628, 0.3508, 0.4025



90.4628, 0.2466, 0.3222



90.4628, 0.2723, 0.2633



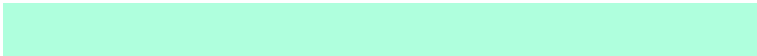
90.4628, 0.3832, 0.3294

Rectangle

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



90.4628, 0.3508, 0.4025



90.4628, 0.2846, 0.3743



90.4628, 0.2723, 0.2633



90.4628, 0.3384, 0.2892

Sweetspot

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



90.4668, 0.3508, 0.4025



98.1283, 0.3245, 0.3513



58.3386, 0.3745, 0.3369



20.9423, 0.3264, 0.3550



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

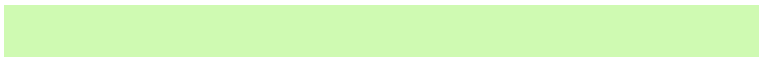
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4668, 0.3508, 0.4025



93.6902, 0.3588, 0.4186



84.8297, 0.3270, 0.4085



20.0870, 0.3252, 0.3526



44.5603, 0.3999, 0.5207



4.1541, 0.4023, 0.5187

Inverse Universe

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



49.2048, 0.2675, 0.2463



43.5937, 0.2557, 0.2253



54.1667, 0.2936, 0.2522



16.7354, 0.2996, 0.3046



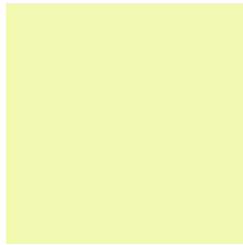
3.8203, 0.1539, 0.0621



0.3830, 0.1613, 0.0662

Previews

White Background



This preview shows how the Yxy color 90.4628, 0.3508, 0.4025 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 90.4628, 0.3508, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

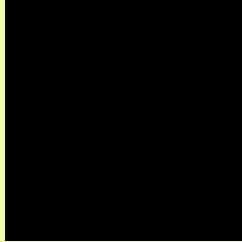
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.4628, 0.3508, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 90.4628, 0.3508, 0.4025.

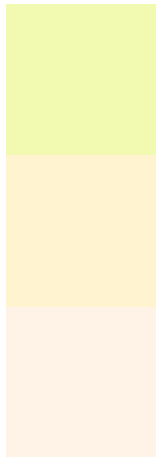


This preview shows how white text looks on a background with the Yxy color 90.4628, 0.3508, 0.4025.

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

90.4628, 0.3508, 0.4025

Protanopia

90.4664, 0.3431, 0.3658

Deuteranopia

90.5338, 0.3281, 0.3398



Tritanopia

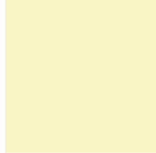
90.4546, 0.3101, 0.3154

Trichromacy



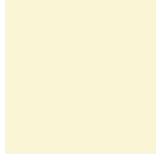
Original Color

90.4628, 0.3508, 0.4025



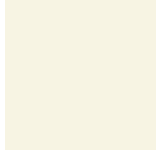
Protanomaly

90.2211, 0.3462, 0.3793



Deuteranomaly

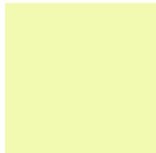
90.3823, 0.3363, 0.3620



Tritanomaly

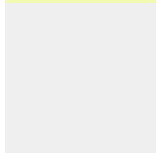
90.0216, 0.3250, 0.3460

Monochromacy



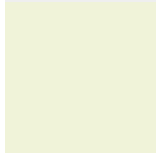
Original Color

90.4628, 0.3508, 0.4025



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.6362, 0.3267, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4628, 0.3508, 0.4025 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 178) }
```

Border

The CSS property to change the border of an element to Yxy 90.4628, 0.3508, 0.4025 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, 178) }
```

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

```
.border{ border-color:rgb(242, 250, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 178);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4628, 0.3508, 0.4025 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, 178) }
```

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

```
.background{ background-color: rgb(242,  
250, 178) }
```

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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