

Converting Colors

$Yxy(90.5600, 0.3423, 0.3905)$

Have a look what the booklet for
Yxy(90.5600, 0.3423, 0.3905)
contains.

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Color

Yxy(90.6142, 0.3422, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	F0FABE
RGB	240, 250, 190
RGB Percent	94%, 98%, 75%
CMY	0.0590, 0.0195, 0.2549
CMYK	0.04, 0.00, 0.24, 0.02
HSL	70°, 86%, 86%
HSV	70°, 24%, 98%
XYZ	79.4063, 90.6142, 62.0261
YIQ	240.1700, 13.3000, -20.7800

Conversions

Conversions Part 2

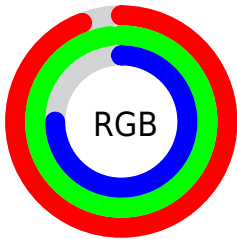
Format	Color
RYB	190, 250, 200
Decimal	15792830
CIELab	96.25, -12.93, 27.74
CIELCh	96, 30.606, 114.982
Yxy	90.6142, 0.3422, 0.3905
Android (android.graphics.Color)	4293982910 (0xFFFF0FABE)
YUV	240.1700, -24.7338, -0.1491
Hunter-Lab	95.1915, -17.6849, 28.0011

Details

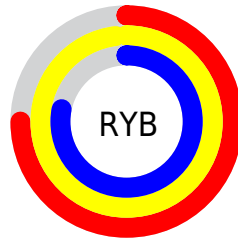
The Yxy color **90.6142, 0.3422, 0.3905** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.0238, 0.2785, 0.2622**, and the grayscale version is **87.4661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **50.4284, 0.3477, 0.4052** is the 20% darker color. If you saturate the color by 10%, you get **88.8924, 0.3542, 0.4170**, and if you desaturate by 10%, it is **92.5485, 0.3298, 0.3642**.

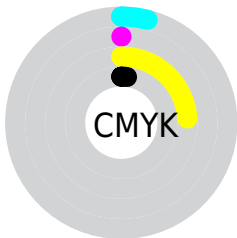
Distribution



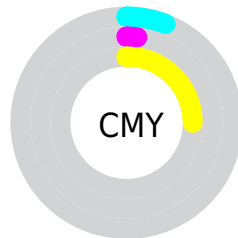
- Red (94%)
- Green (98%)
- Blue (75%)



- Red (75%)
- Yellow (98%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)





- Cyan (6%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.6142, 0.3422, 0.3905 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 90.6142, 0.3422, 0.3905 by changing the saturation by 10% instead.

 90.6142, 0.3422,
0.3905

 90.6142, 0.3422,
0.3905

530.0268, 0.3295,
0.3626

 68.4902, 0.3449,
0.3967


 148.1913, 0.3380,
0.3809

 50.2966, 0.3480,
0.4043

184.4131, 0.3363,
0.3772

 35.6491, 0.3518,
0.4137


226.1029, 0.3348,
0.3739

 24.1633, 0.3564,
0.4258

273.6452, 0.3335,
0.3711

 15.4548, 0.3621,
0.4418

327.4244, 0.3324,
0.3686

 9.1392, 0.3691,
0.4636

387.8248, 0.3313,

 4.8321, 0.3772,

0.3664

0.4949

455.2308, 0.3304,
0.3644

■ 2.1491, 0.4128,
0.5820

■ 0.6920, 0.3309,
0.6691

■ 90.6142, 0.3422,
0.3905

■ 90.6142, 0.3422,
0.3905

■ 88.8924, 0.3542,
0.4170

■ 92.5485, 0.3298,
0.3642

■ 87.3613, 0.3653,
0.4428

■ 94.6922, 0.3175,
0.3388

■ 86.0145, 0.3749,
0.4667

■ 96.3957, 0.3114,
0.3242

■ 84.8403, 0.3826,
0.4878

■ 96.8613, 0.3129,
0.3243

■ 83.8257, 0.3878,
0.5050

■ 82.9556, 0.3904,
0.5177

■ 82.2114, 0.3904,
0.5258

■ 81.8094, 0.3895,
0.5289

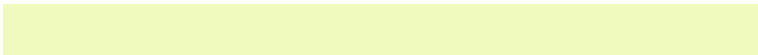
Harmonies

Analogous

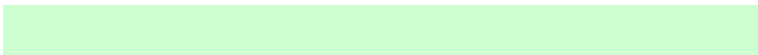
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6142, 0.3692, 0.3821



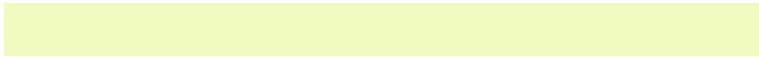
90.6142, 0.3422, 0.3905



90.6142, 0.3082, 0.3804

Triad

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



90.6142, 0.3422, 0.3905



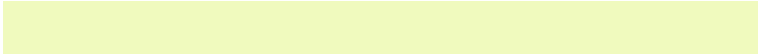
90.6142, 0.2488, 0.2924



90.6142, 0.3485, 0.3052

Complementary

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



90.6142, 0.3422, 0.3905



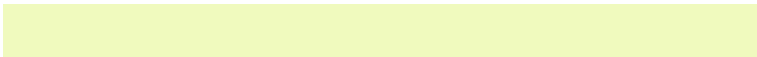
56.0238, 0.2785, 0.2622

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.



90.6142, 0.3143, 0.2842



90.6142, 0.3422, 0.3905



90.6142, 0.2580, 0.2760

Square

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



90.6142, 0.3422, 0.3905



90.6142, 0.2553, 0.3207



90.6142, 0.2814, 0.2735



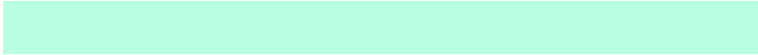
90.6142, 0.3735, 0.3324

Rectangle

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



90.6142, 0.3422, 0.3905



90.6142, 0.2864, 0.3640



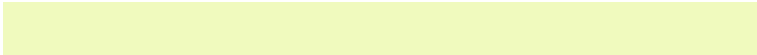
90.6142, 0.2814, 0.2735



90.6142, 0.3376, 0.2973

Sweetspot

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



90.6182, 0.3422, 0.3905



98.3404, 0.3212, 0.3463



65.3597, 0.3606, 0.3397



21.0194, 0.3220, 0.3478



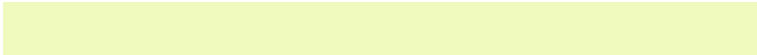
0.0000, 0.0000, 0.0000



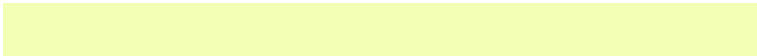
21.4041, 0.3127, 0.3290

Same Dimension

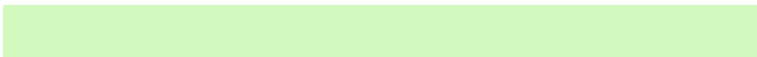
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6182, 0.3422, 0.3905



93.8436, 0.3483, 0.4039



85.8031, 0.3222, 0.3946



20.0350, 0.3243, 0.3526



43.4427, 0.3900, 0.5285



4.0613, 0.3937, 0.5256

Inverse Universe

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



56.0238, 0.2785, 0.2622



51.6835, 0.2700, 0.2461



60.5608, 0.3004, 0.2663



16.7827, 0.3005, 0.3046



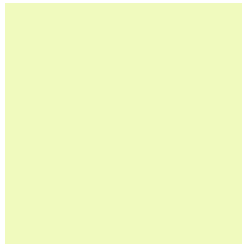
3.9621, 0.1572, 0.0640



0.4053, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 90.6142, 0.3422, 0.3905 looks on a white background.

Color Contrast Check

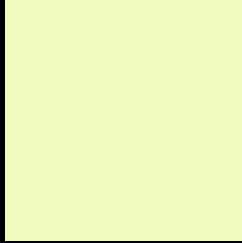
Large Text (above 18pt) WCAG AA × Fail

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 90.6142, 0.3422, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

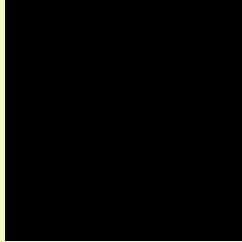
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.6142, 0.3422, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 90.6142, 0.3422, 0.3905.

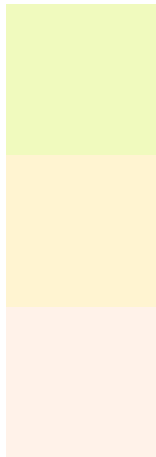


This preview shows how white text looks on a background with the Yxy color 90.6142, 0.3422, 0.3905.

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

90.6142, 0.3422, 0.3905

Protanopia

90.5648, 0.3418, 0.3637

Deuteranopia

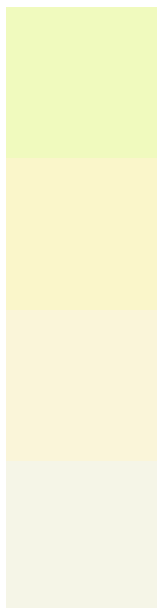
90.6475, 0.3269, 0.3378



Tritanopia

90.6807, 0.3088, 0.3164

Trichromacy



Original Color

90.6142, 0.3422, 0.3905

Protanomaly

90.4998, 0.3424, 0.3732

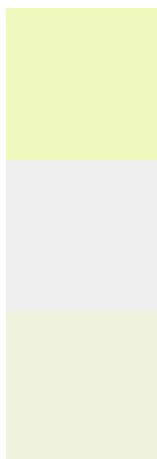
Deuteranomaly

90.6386, 0.3332, 0.3570

Tritanomaly

90.4868, 0.3212, 0.3430

Monochromacy



Original Color

90.6142, 0.3422, 0.3905

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

88.5006, 0.3235, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6142, 0.3422, 0.3905 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(240, 250, 190)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 190)  
}
```

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(240, 250, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 190) }
```

Border

The CSS property to change the border of an element to Yxy 90.6142, 0.3422, 0.3905 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(240, 250, 190) }
```

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

```
.border{ border-color:rgb(240, 250, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 190);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6142, 0.3422, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 190) }
```

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

```
.background{ background-color: rgb(240,  
250, 190) }
```

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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