

Converting Colors

$Yxy(92.6292, 0.3443, 0.4060)$

Have a look what the booklet for
Yxy(92.6292, 0.3443, 0.4060)
contains.

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Color

Yxy(92.6482, 0.3445, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFB4
RGB	236, 255, 180
RGB Percent	93%, 100%, 71%
CMY	0.0744, 0.0000, 0.2943
CMYK	0.07, 0.00, 0.29, 0.00
HSL	75°, 100%, 85%
HSV	75°, 29%, 100%
XYZ	78.5947, 92.6482, 56.8985
YIQ	240.7690, 12.7510, -27.3530

Conversions

Conversions Part 2

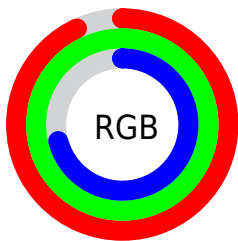
Format	Color
RYB	180, 255, 199
Decimal	15531956
CIELab	97.08, -18.13, 33.88
CIElCh	97, 38.426, 118.151
Yxy	92.6482, 0.3445, 0.4061
Android (android.graphics.Color)	4293722036 (0xFFECCFB4)
YUV	240.7690, -29.9591, -4.1824
Hunter-Lab	96.2539, -22.6929, 32.3297

Details

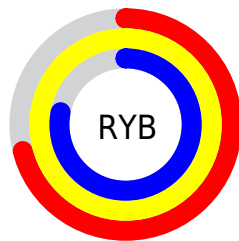
The Yxy color **92.6482, 0.3445, 0.4061** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.9793, 0.2738, 0.2458**, and the grayscale version is **88.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **51.5042, 0.3496, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **90.6231, 0.3545, 0.4334**, and if you desaturate by 10%, it is **94.9120, 0.3338, 0.3789**.

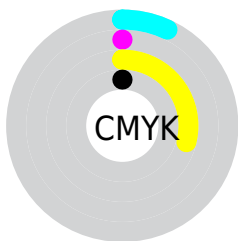
Distribution



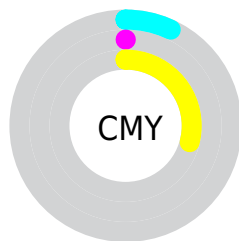
- Red (93%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6482, 0.3445, 0.4061 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 92.6482, 0.3445, 0.4061 by changing the saturation by 10% instead.

 92.6482, 0.3445,
0.4061

 92.6482, 0.3445,
0.4061

536.6082, 0.3312,
0.3711

 70.1791, 0.3472,
0.4139

 151.0115, 0.3402,
0.3941

 51.6726, 0.3503,
0.4234


187.6745, 0.3384,
0.3894

 36.7442, 0.3539,
0.4352

229.8375, 0.3369,
0.3853

 25.0095, 0.3582,
0.4502

277.8851, 0.3355,
0.3817

 16.0841, 0.3631,
0.4699

332.2016, 0.3342,
0.3786

 9.5837, 0.3684,
0.4965

393.1713, 0.3331,

 5.1238, 0.3728,

0.3758

0.5338

461.1787, 0.3321,
0.3733

■ 2.3201, 0.3873,
0.6127

■ 0.7843, 0.2786,
0.7214

■ 92.6482, 0.3445,
0.4061

■ 92.6482, 0.3445,
0.4061

■ 90.6231, 0.3545,
0.4334

■ 94.9120, 0.3338,
0.3789

■ 88.8142, 0.3633,
0.4597

■ 97.4130, 0.3229,
0.3526

■ 87.2135, 0.3704,
0.4839

100.0000, 0.3127,
0.3290

■ 85.8077, 0.3752,
0.5048

■ 84.5816, 0.3775,
0.5214

■ 83.5175, 0.3772,
0.5332

■ 82.5881, 0.3746,
0.5405

■ 82.5371, 0.3744,
0.5409

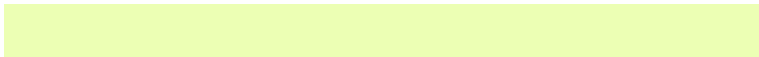
Harmonies

Analogous

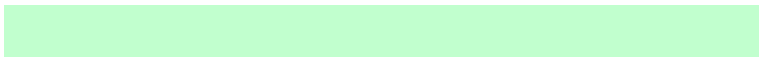
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6482, 0.3798, 0.3966



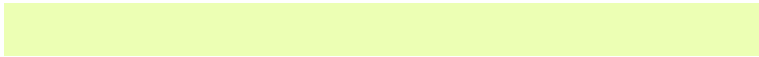
92.6482, 0.3445, 0.4061



92.6482, 0.3021, 0.3914

Triad

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



92.6482, 0.3445, 0.4061



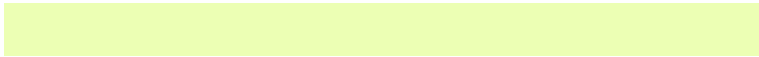
92.6482, 0.2344, 0.2802



92.6482, 0.3613, 0.3028

Complementary

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



92.6482, 0.3445, 0.4061



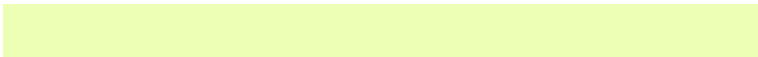
51.9793, 0.2738, 0.2458

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.



92.6482, 0.3190, 0.2763



92.6482, 0.3445, 0.4061



92.6482, 0.2475, 0.2624

Square

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



92.6482, 0.3445, 0.4061



92.6482, 0.2402, 0.3137



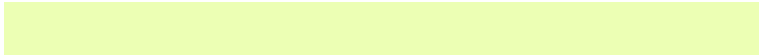
92.6482, 0.2775, 0.2617



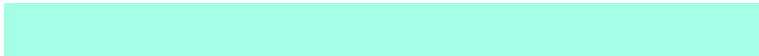
92.6482, 0.3908, 0.3361

Rectangle

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



92.6482, 0.3445, 0.4061



92.6482, 0.2758, 0.3691



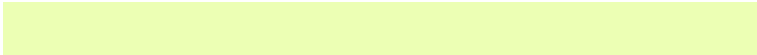
92.6482, 0.2775, 0.2617



92.6482, 0.3479, 0.2929

Sweetspot

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



92.6520, 0.3445, 0.4061



97.5253, 0.3224, 0.3515



65.2722, 0.3731, 0.3487



20.7929, 0.3240, 0.3552



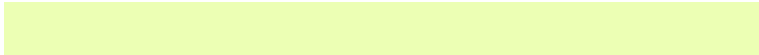
0.0000, 0.0000, 0.0000



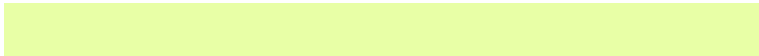
21.4041, 0.3127, 0.3290

Same Dimension

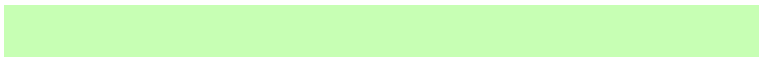
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6520, 0.3445, 0.4061



91.4935, 0.3502, 0.4214



86.9177, 0.3201, 0.4124



20.8460, 0.3230, 0.3528



43.2020, 0.3752, 0.5403



4.2582, 0.3804, 0.5362

Inverse Universe

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



51.9793, 0.2738, 0.2458



45.1325, 0.2647, 0.2278



57.7208, 0.3016, 0.2522



17.5996, 0.3018, 0.3047



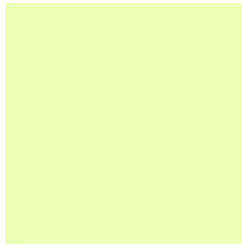
4.4094, 0.1646, 0.0680



0.4785, 0.1756, 0.0741

Previews

White Background



This preview shows how the Yxy color 92.6482, 0.3445, 0.4061 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 92.6482, 0.3445, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

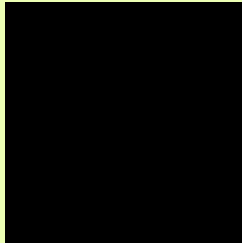
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6482, 0.3445, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 92.6482, 0.3445, 0.4061.



This preview shows how white text looks on a background with the Yxy color 92.6482, 0.3445, 0.4061.

Color Blindness Simulation

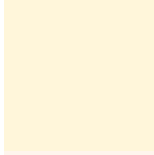
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



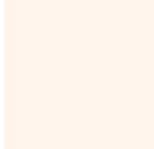
Original Color

92.6482, 0.3445, 0.4061



Protanopia

92.2335, 0.3358, 0.3566



Deuteranopia

92.6792, 0.3241, 0.3368

Tritanopia

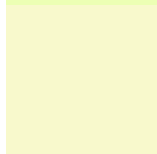
92.2990, 0.3081, 0.3193

Trichromacy



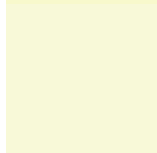
Original Color

92.6482, 0.3445, 0.4061



Protanomaly

92.0675, 0.3393, 0.3742



Deuteranomaly

92.6657, 0.3319, 0.3619



Tritanomaly

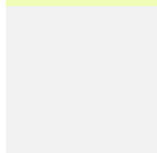
92.4075, 0.3214, 0.3500

Monochromacy



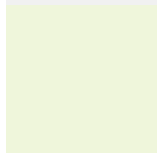
Original Color

92.6482, 0.3445, 0.4061



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3767, 0.3244, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6482, 0.3445, 0.4061 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(236, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 180)  
}
```

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(236, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 180) }
```

Border

The CSS property to change the border of an element to Yxy 92.6482, 0.3445, 0.4061 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(236, 255, 180) }
```

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

```
.border{ border-color:rgb(236, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6482, 0.3445, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 180) }
```

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

```
.background{ background-color: rgb(236,  
255, 180) }
```

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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