

Converting Colors

$Yxy(91.5998, 0.3642, 0.4396)$

Have a look what the booklet for
Yxy(91.5998, 0.3642, 0.4396)
contains.

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Color

Yxy(91.5998, 0.3642, 0.4396)

Conversions

Conversions Part 1

Format	Color
Hex	EDFF92
RGB	237, 255, 146
RGB Percent	93%, 100%, 57%
CMY	0.0704, 0.0000, 0.4274
CMYK	0.07, 0.00, 0.43, 0.00
HSL	70°, 100%, 79%
HSV	70°, 43%, 100%
XYZ	75.8886, 91.5998, 40.8823
YIQ	237.1920, 24.2610, -37.7150

Conversions

Conversions Part 2

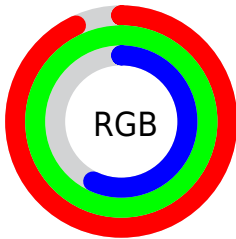
Format	Color
RYB	146, 255, 164
Decimal	15597458
CIELab	96.66, -21.73, 49.95
CIELCh	97, 54.473, 113.513
Yxy	91.5998, 0.3642, 0.4396
Android (android.graphics.Color)	4293787538 (0xFFEDFF92)
YUV	237.1920, -44.9577, -0.1684
Hunter-Lab	95.7078, -25.9524, 41.6692

Details

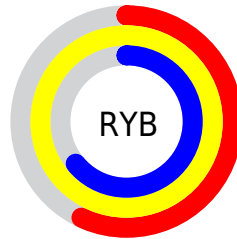
The Yxy color **91.5998, 0.3642, 0.4396** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.6713, 0.2444, 0.1999**, and the grayscale version is **85.1931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **50.8818, 0.3730, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **90.1826, 0.3741, 0.4638**, and if you desaturate by 10%, it is **93.2191, 0.3529, 0.4137**.

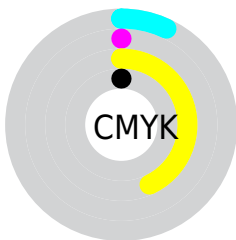
Distribution



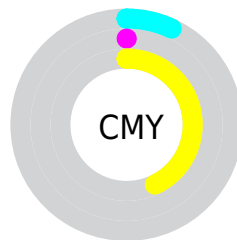
- Red (93%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5998, 0.3642, 0.4396 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 91.5998, 0.3642, 0.4396 by changing the saturation by 10% instead.


 91.5998, 0.3642,
0.4396

 91.5998, 0.3642,
0.4396


533.2213, 0.3433,
0.3896

 69.3083, 0.3681,
0.4505


 149.5586, 0.3576,
0.4226

 50.9628, 0.3725,
0.4636


 185.9947, 0.3549,
0.4159

 36.1790, 0.3774,
0.4796


227.9144, 0.3524,
0.4101

 24.5725, 0.3825,
0.4993

275.7021, 0.3502,
0.4050

 15.7588, 0.3873,
0.5241

329.7423, 0.3482,
0.4005

 9.3537, 0.3900,
0.5550

390.4193, 0.3465,

 4.9726, 0.3946,

0.3964

0.6054

458.1175, 0.3448,
0.3928

■ 2.2312, 0.3650,
0.6350

■ 0.7369, 0.1873,
0.8127

■ 91.5998, 0.3642,
0.4396

■ 91.5998, 0.3642,
0.4396

■ 90.1826, 0.3741,
0.4638

■ 93.2191, 0.3529,
0.4137

■ 88.9431, 0.3821,
0.4853

■ 95.0392, 0.3408,
0.3872

■ 87.8720, 0.3877,
0.5030

■ 97.0740, 0.3284,
0.3610

■ 86.9537, 0.3906,
0.5162

■ 99.3331, 0.3160,
0.3357

■ 86.1694, 0.3910,
0.5247

99.9936, 0.3127,
0.3290

■ 85.6637, 0.3900,
0.5286

Harmonies

Analogous

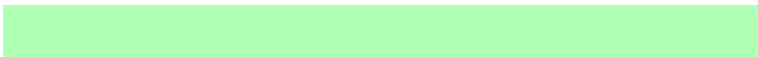
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5998, 0.4120, 0.4174



91.5998, 0.3642, 0.4396



91.5998, 0.3052, 0.4263

Triad

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



91.5998, 0.3642, 0.4396



91.5998, 0.2046, 0.2648



91.5998, 0.3728, 0.2857

Complementary

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



91.5998, 0.3642, 0.4396



35.6713, 0.2444, 0.1999

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.



91.5998, 0.3109, 0.2525



91.5998, 0.3642, 0.4396



91.5998, 0.2183, 0.2386

Square

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



91.5998, 0.3642, 0.4396



91.5998, 0.2156, 0.3142



91.5998, 0.2552, 0.2354



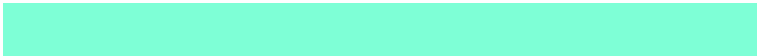
91.5998, 0.4197, 0.3292

Rectangle

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



91.5998, 0.3642, 0.4396



91.5998, 0.2676, 0.3961



91.5998, 0.2552, 0.2354



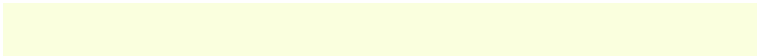
91.5998, 0.3527, 0.2731

Sweetspot

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



91.6039, 0.3642, 0.4396



97.0258, 0.3287, 0.3616



49.3041, 0.4175, 0.3465



20.6676, 0.3314, 0.3674



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

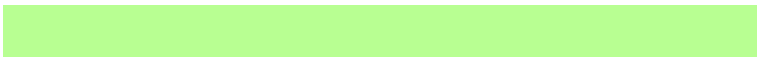
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6039, 0.3642, 0.4396



90.4238, 0.3725, 0.4598



83.7997, 0.3289, 0.4536



20.9306, 0.3244, 0.3527



44.8213, 0.3905, 0.5282



4.4026, 0.3940, 0.5254

Inverse Universe

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



35.6713, 0.2444, 0.1999



28.0179, 0.2283, 0.1715



42.5126, 0.2856, 0.2134



17.5213, 0.3004, 0.3046



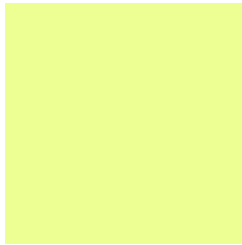
4.0713, 0.1570, 0.0638



0.4351, 0.1659, 0.0688

Previews

White Background



This preview shows how the Yxy color 91.5998, 0.3642, 0.4396 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 91.5998, 0.3642, 0.4396 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 91.5998, 0.3642, 0.4396

Background



This preview shows how black text looks on a background with the Yxy color 91.5998, 0.3642, 0.4396.

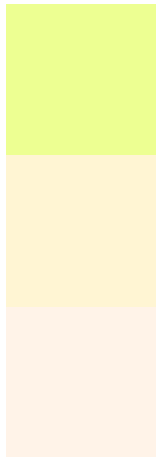


This preview shows how white text looks on a background with the Yxy color 91.5998, 0.3642, 0.4396.

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

91.5998, 0.3642, 0.4396

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

91.1874, 0.3274, 0.3398



Tritanopia

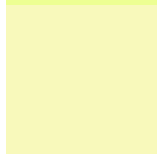
91.4609, 0.3094, 0.3174

Trichromacy



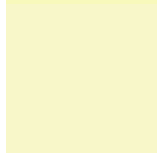
Original Color

91.5998, 0.3642, 0.4396



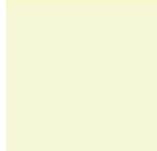
Protanomaly

91.2957, 0.3497, 0.3915



Deuteranomaly

90.6950, 0.3415, 0.3754



Tritanomaly

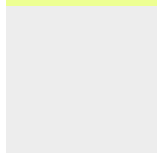
90.8403, 0.3308, 0.3612

Monochromacy



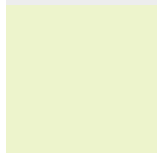
Original Color

91.5998, 0.3642, 0.4396



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

87.0655, 0.3326, 0.3704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5998, 0.3642, 0.4396 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(237, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 146)  
}
```

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(237, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 146) }
```

Border

The CSS property to change the border of an element to Yxy 91.5998, 0.3642, 0.4396 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(237, 255, 146) }
```

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

```
.border{ border-color:rgb(237, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5998, 0.3642, 0.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 146) }
```

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

```
.background{ background-color: rgb(237,  
255, 146) }
```

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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