

Converting Colors

$Y_{xy}(92.6326, 0.3670, 0.4363)$

Have a look what the booklet for
Yxy(92.6326, 0.3670, 0.4363)
contains.

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Color

Yxy(92.7128, 0.3672, 0.4361)

Conversions

Conversions Part 1

Format	Color
Hex	F3FF94
RGB	243, 255, 148
RGB Percent	95%, 100%, 58%
CMY	0.0471, 0.0000, 0.4194
CMYK	0.05, 0.00, 0.42, 0.00
HSL	67°, 100%, 79%
HSV	67°, 42%, 100%
XYZ	78.0650, 92.7128, 41.8175
YIQ	239.2140, 27.1950, -35.8210

Conversions

Conversions Part 2

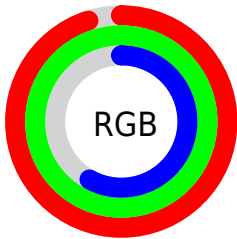
Format	Color
R_{YB}	148, 255, 160
Decimal	15990676
CIE _{Lab}	97.11, -19.30, 49.64
CIE _{LCh}	97, 53.261, 111.244
Yxy	92.7128, 0.3672, 0.4361
Android (android.graphics.Color)	4294180756 (0xFFFF3FF94)
YUV	239.2140, -44.9685, 3.3203
Hunter-Lab	96.2875, -23.7844, 41.6517

Details

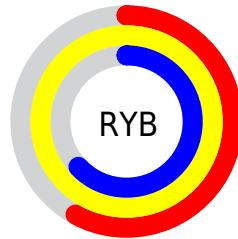
The Yxy color **92.7128, 0.3672, 0.4361** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.8966, 0.2420, 0.2013**, and the grayscale version is **86.8317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **51.5287, 0.3762, 0.4587** is the 20% darker color. If you saturate the color by 10%, you get **91.4838, 0.3782, 0.4596**, and if you desaturate by 10%, it is **94.1233, 0.3549, 0.4108**.

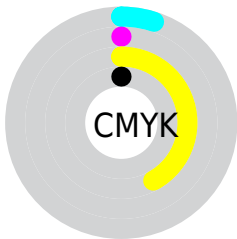
Distribution



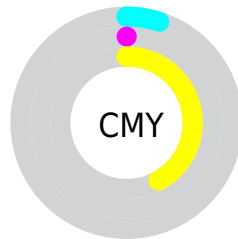
- Red (95%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7128, 0.3672, 0.4361 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 92.7128, 0.3672, 0.4361 by changing the saturation by 10% instead.


 92.7128, 0.3672,
0.4361

 92.7128, 0.3672,
0.4361

536.8165, 0.3449,
0.3880

 70.2328, 0.3715,
0.4465


 151.1009, 0.3601,
0.4198

 51.7164, 0.3763,
0.4590


 187.7779, 0.3572,
0.4134

 36.7790, 0.3817,
0.4742


229.9559, 0.3546,
0.4078

 25.0365, 0.3876,
0.4929

278.0195, 0.3522,
0.4028

 16.1042, 0.3934,
0.5162

332.3529, 0.3501,
0.3985

 9.5979, 0.3979,
0.5452

393.3406, 0.3482,

 5.1332, 0.4062,

0.3946

0.5938

461.3670, 0.3465,
0.3911

■ 2.3256, 0.3807,
0.6193

■ 0.7872, 0.2604,
0.7396

■ 92.7128, 0.3672,
0.4361

■ 92.7128, 0.3672,
0.4361

■ 91.4838, 0.3782,
0.4596

■ 94.1233, 0.3549,
0.4108

■ 90.4309, 0.3873,
0.4803

■ 95.7326, 0.3418,
0.3847

■ 89.5388, 0.3941,
0.4971

■ 97.5484, 0.3284,
0.3588

■ 88.7922, 0.3982,
0.5096

■ 99.5799, 0.3152,
0.3337

■ 88.1726, 0.3996,
0.5175

100.0000, 0.3127,
0.3290

■ 87.7434, 0.3993,
0.5211

Harmonies

Analogous

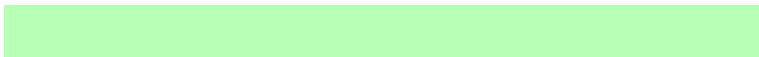
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7128, 0.4123, 0.4128



92.7128, 0.3672, 0.4361



92.7128, 0.3099, 0.4259

Triad

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



92.7128, 0.3672, 0.4361



92.7128, 0.2070, 0.2694



92.7128, 0.3669, 0.2838

Complementary

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



92.7128, 0.3672, 0.4361



35.8966, 0.2420, 0.2013

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.



92.7128, 0.3065, 0.2523



92.7128, 0.3672, 0.4361



92.7128, 0.2186, 0.2419

Square

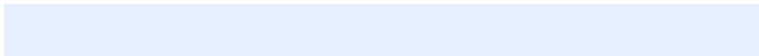
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7128, 0.3672, 0.4361



92.7128, 0.2198, 0.3191



92.7128, 0.2532, 0.2371



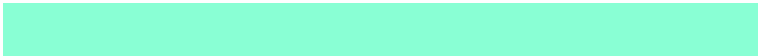
92.7128, 0.4144, 0.3260

Rectangle

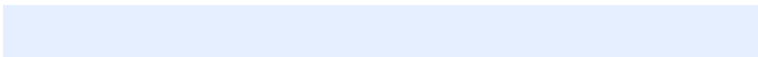
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.7128, 0.3672, 0.4361



92.7128, 0.2727, 0.3982



92.7128, 0.2532, 0.2371



92.7128, 0.3471, 0.2718

Sweetspot

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



92.7106, 0.3672, 0.4361



97.3460, 0.3298, 0.3615



48.1085, 0.4172, 0.3405



20.7474, 0.3328, 0.3672



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

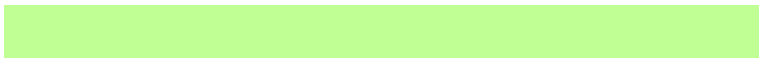
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7106, 0.3672, 0.4361



91.7079, 0.3762, 0.4552



84.7141, 0.3321, 0.4497



20.9810, 0.3252, 0.3526



45.8893, 0.3997, 0.5209



4.4963, 0.4020, 0.5190

Inverse Universe

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



35.8966, 0.2420, 0.2013



28.2641, 0.2257, 0.1732



42.4454, 0.2819, 0.2142



17.4755, 0.2996, 0.3045



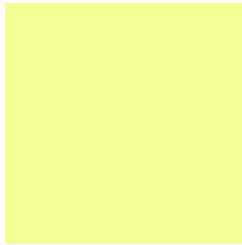
3.9375, 0.1539, 0.0621



0.4136, 0.1610, 0.0660

Previews

White Background



This preview shows how the Yxy color 92.7128, 0.3672, 0.4361 looks on a white background.

Color Contrast Check

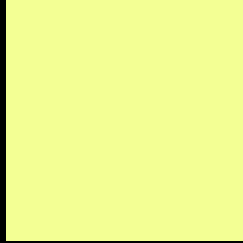
Large Text (above 18pt) WCAG AA × Fail

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 92.7128, 0.3672, 0.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

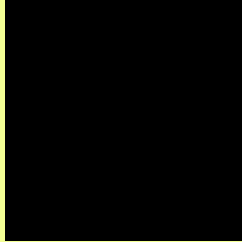
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7128, 0.3672, 0.4361

Background



This preview shows how black text looks on a background with the Yxy color 92.7128, 0.3672, 0.4361.

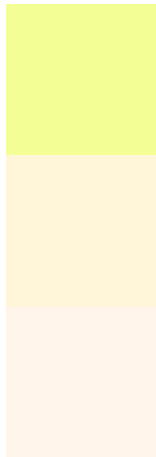


This preview shows how white text looks on a background with the Yxy color 92.7128, 0.3672, 0.4361.

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

92.7128, 0.3672, 0.4361

Protanopia

92.1813, 0.3364, 0.3576

Deuteranopia

92.5630, 0.3253, 0.3388



Tritanopia

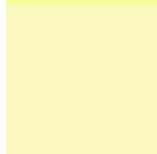
92.6168, 0.3113, 0.3184

Trichromacy



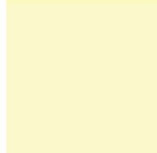
Original Color

92.7128, 0.3672, 0.4361



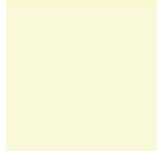
Protanomaly

92.0664, 0.3487, 0.3860



Deuteranomaly

92.5724, 0.3420, 0.3749



Tritanomaly

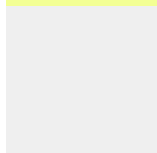
92.2324, 0.3327, 0.3609

Monochromacy



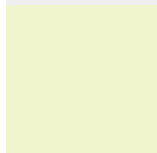
Original Color

92.7128, 0.3672, 0.4361



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.2863, 0.3332, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7128, 0.3672, 0.4361 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, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 148)  
}
```

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, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 148) }
```

Border

The CSS property to change the border of an element to Yxy 92.7128, 0.3672, 0.4361 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, 255, 148) }
```

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

```
.border{ border-color:rgb(243, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7128, 0.3672, 0.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 148) }
```

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

```
.background{ background-color: rgb(243,  
255, 148) }
```

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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