

Converting Colors

$Y_{xy}(92.7599, 0.3637, 0.4070)$

Have a look what the booklet for
Yxy(92.7599, 0.3637, 0.4070)
contains.

Yxy(92.5715, 0.3640, 0.4071)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.5715, 0.3640, 0.4071)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAAB
RGB	255, 250, 171
RGB Percent	100%, 98%, 67%
CMY	0.0001, 0.0196, 0.3293
CMYK	0.00, 0.02, 0.33, 0.00
HSL	56°, 100%, 84%
HSV	56°, 33%, 100%
XYZ	82.7709, 92.5715, 52.0502
YIQ	242.4890, 28.3390, -23.5090

Conversions

Conversions Part 2

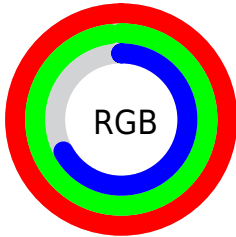
Format	Color
RYB	176, 255, 171
Decimal	16775851
CIELab	97.05, -9.83, 38.54
CIElCh	97, 39.771, 104.303
Yxy	92.5715, 0.3640, 0.4071
Android (android.graphics.Color)	4294965931 (0xFFFFFAAB)
YUV	242.4890, -35.2441, 10.9721
Hunter-Lab	96.2141, -14.8150, 35.2750

Details

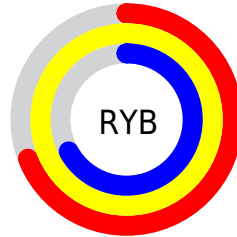
The Yxy color **92.5715, 0.3640, 0.4071** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.9280, 0.2540, 0.2367**, and the grayscale version is **89.4706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **51.7619, 0.3734, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **90.7628, 0.3793, 0.4298**, and if you desaturate by 10%, it is **94.5837, 0.3482, 0.3833**.

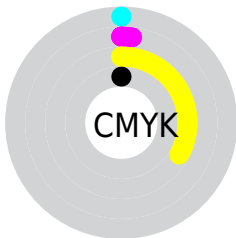
Distribution



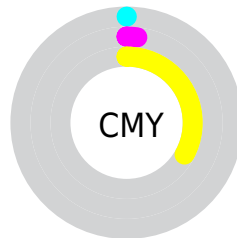
- Red (100%)
- Green (98%)
- Blue (67%)



- Red (69%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5715, 0.3640, 0.4071 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 92.5715, 0.3640, 0.4071 by changing the saturation by 10% instead.

 92.5715, 0.3640,
0.4071

 92.5715, 0.3640,
0.4071


536.3608, 0.3421,
0.3723

 70.1154, 0.3685,
0.4147

 150.9052, 0.3568,
0.3953

 51.6206, 0.3739,
0.4237


187.5516, 0.3538,
0.3907

 36.7028, 0.3802,
0.4349

229.6970, 0.3513,
0.3866

 24.9774, 0.3879,
0.4488

277.7256, 0.3490,
0.3830

 16.0602, 0.3970,
0.4664

332.0219, 0.3470,
0.3799

 9.5668, 0.4076,
0.4892


392.9702, 0.3452,


 5.1127, 0.4209,


0.3771


0.5213


460.9551, 0.3435,
0.3745


 2.3135, 0.4341,
0.5659


 0.7809, 0.3915,
0.6085


 92.5715, 0.3640,
0.4071


 92.5715, 0.3640,
0.4071


 90.7628, 0.3793,
0.4298


 94.5837, 0.3482,
0.3833

 89.1340, 0.3935,
0.4504

 96.7966, 0.3324,
0.3593

 87.6775, 0.4060,
0.4679

 99.2239, 0.3170,
0.3357

 86.3798, 0.4161,
0.4815

99.9945, 0.3127,
0.3290

■ 85.2254, 0.4235,
0.4906

■ 84.1956, 0.4282,
0.4953

■ 83.5224, 0.4302,
0.4966

Harmonies

Analogous

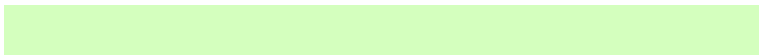
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5715, 0.3934, 0.3876



92.5715, 0.3640, 0.4071



92.5715, 0.3220, 0.4040

Triad

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



92.5715, 0.3640, 0.4071



92.5715, 0.2322, 0.2926



92.5715, 0.3435, 0.2880

Complementary

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



92.5715, 0.3640, 0.4071



46.9280, 0.2540, 0.2367

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.



92.5715, 0.2984, 0.2659



92.5715, 0.3640, 0.4071



92.5715, 0.2368, 0.2664

Square

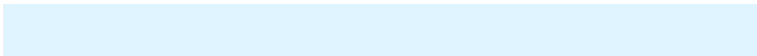
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5715, 0.3640, 0.4071



92.5715, 0.2471, 0.3329



92.5715, 0.2601, 0.2577



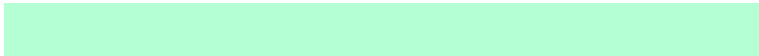
92.5715, 0.3820, 0.3198

Rectangle

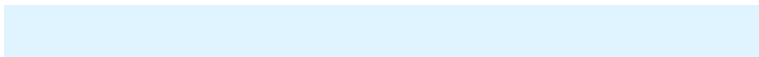
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5715, 0.3640, 0.4071



92.5715, 0.2929, 0.3875



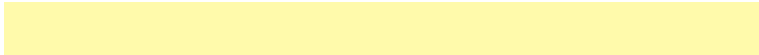
92.5715, 0.2601, 0.2577



92.5715, 0.3285, 0.2793

Sweetspot

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



92.5757, 0.3640, 0.4071



97.5079, 0.3278, 0.3523



53.5534, 0.3846, 0.3233



20.7995, 0.3300, 0.3556



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

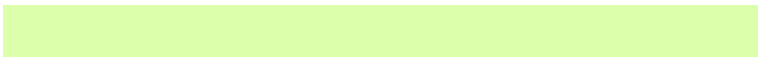
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5757, 0.3640, 0.4071



91.2960, 0.3749, 0.4234



89.4411, 0.3379, 0.4186



20.8960, 0.3271, 0.3511



43.7327, 0.4300, 0.4967



4.3117, 0.4287, 0.4978

Inverse Universe

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



46.9280, 0.2540, 0.2367



38.7971, 0.2393, 0.2130



49.6815, 0.2794, 0.2374



17.5498, 0.2978, 0.3059



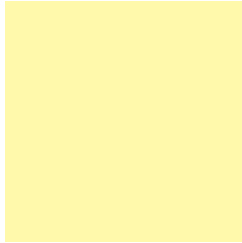
4.0188, 0.1510, 0.0635



0.4491, 0.1533, 0.0718

Previews

White Background



This preview shows how the Yxy color 92.5715, 0.3640, 0.4071 looks on a white background.

Color Contrast Check

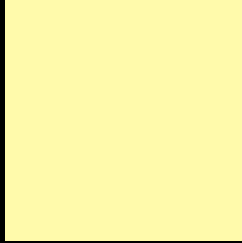
Large Text (above 18pt) WCAG AA × Fail

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 92.5715, 0.3640, 0.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

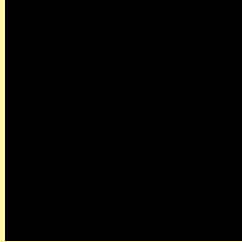
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5715, 0.3640, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 92.5715, 0.3640, 0.4071.

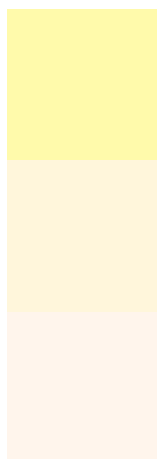


This preview shows how white text looks on a background with the Yxy color 92.5715, 0.3640, 0.4071.

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

92.5715, 0.3640, 0.4071

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.6209, 0.3247, 0.3378



Tritanopia

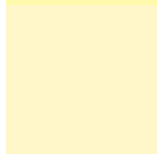
92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.5715, 0.3640, 0.4071



Protanomaly

92.0458, 0.3457, 0.3736



Deuteranomaly

92.5350, 0.3394, 0.3636



Tritanomaly

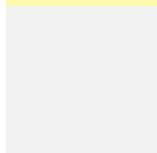
92.4992, 0.3327, 0.3516

Monochromacy



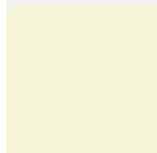
Original Color

92.5715, 0.3640, 0.4071



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.0368, 0.3318, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5715, 0.3640, 0.4071 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(255, 250, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 171)  
}
```

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(255, 250, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 171) }
```

Border

The CSS property to change the border of an element to Yxy 92.5715, 0.3640, 0.4071 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(255, 250, 171) }
```

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

```
.border{ border-color:rgb(255, 250, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5715, 0.3640, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 171) }
```

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

```
.background{ background-color: rgb(255,  
250, 171) }
```

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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