

Converting Colors

$Y_{xy}(116.4178, 0.4173, 0.3736)$

Have a look what the booklet for
Yxy(116.4178, 0.4173, 0.3736)
contains.

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Color

Yxy(92.7730, 0.3521, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9BF
RGB	255, 249, 191
RGB Percent	100%, 98%, 75%
CMY	0.0001, 0.0235, 0.2510
CMYK	0.00, 0.02, 0.25, 0.00
HSL	54°, 100%, 87%
HSV	54°, 25%, 100%
XYZ	84.5158, 92.7730, 62.7448
YIQ	244.1820, 22.1940, -16.7660

Conversions

Conversions Part 2

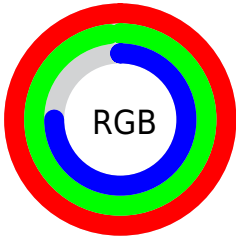
Format	Color
R_{YB}	198, 255, 191
Decimal	16775615
CIE Lab	97.14, -6.85, 28.63
CIE LCh	97, 29.437, 103.449
Yxy	92.7730, 0.3521, 0.3865
Android (android.graphics.Color)	4294965695 (0xFFFFF9BF)
YUV	244.1820, -26.2187, 9.4874
Hunter-Lab	96.3187, -11.9312, 28.7999

Details

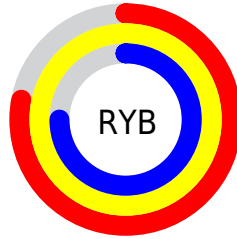
The Yxy color **92.7730, 0.3521, 0.3865** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.2196, 0.2699, 0.2641**, and the grayscale version is **90.8222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **51.9518, 0.3604, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **90.2877, 0.3684, 0.4095**, and if you desaturate by 10%, it is **95.4807, 0.3360, 0.3632**.

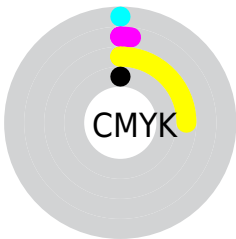
Distribution



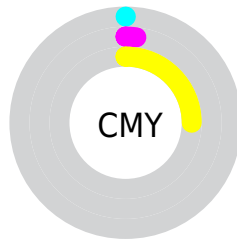
- Red (100%)
- Green (98%)
- Blue (75%)



- Red (78%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7730, 0.3521, 0.3865 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 92.7730, 0.3521, 0.3865 by changing the saturation by 10% instead.

 92.7730, 0.3521,
0.3865

 92.7730, 0.3521,
0.3865


537.0106, 0.3350,
0.3608

 70.2828, 0.3557,
0.3921


 151.1843, 0.3464,
0.3778

 51.7572, 0.3601,
0.3989


187.8742, 0.3441,
0.3743

 36.8115, 0.3654,
0.4073


230.0662, 0.3421,
0.3714

 25.0616, 0.3719,
0.4179

278.1446, 0.3403,
0.3687

 16.1230, 0.3801,
0.4317

332.4939, 0.3388,
0.3664

 9.6112, 0.3906,
0.4501

393.4984, 0.3374,

 5.1419, 0.4039,

0.3643

0.4756

461.5425, 0.3361,
0.3625

■ 2.3308, 0.4439,
0.5412

■ 0.7899, 0.4249,
0.5751

■ 92.7730, 0.3521,
0.3865

■ 92.7730, 0.3521,
0.3865

■ 90.2877, 0.3684,
0.4095

■ 95.4807, 0.3360,
0.3632

■ 88.0022, 0.3842,
0.4312

■ 98.4078, 0.3203,
0.3403

■ 85.9094, 0.3989,
0.4508

99.9972, 0.3127,
0.3290

■ 83.9971, 0.4118,
0.4671

■ 82.2515, 0.4224,
0.4795

■ 80.6565, 0.4302,
0.4873

■ 79.1920, 0.4353,
0.4907

■ 78.5071, 0.4371,
0.4912

Harmonies

Analogous

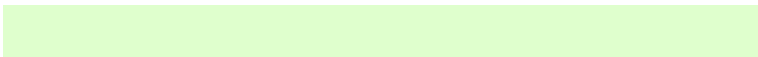
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7730, 0.3730, 0.3729



92.7730, 0.3521, 0.3865



92.7730, 0.3212, 0.3838

Triad

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



92.7730, 0.3521, 0.3865



92.7730, 0.2522, 0.3035



92.7730, 0.3348, 0.2976

Complementary

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



92.7730, 0.3521, 0.3865



58.2196, 0.2699, 0.2641

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.



92.7730, 0.3015, 0.2808



92.7730, 0.3521, 0.3865



92.7730, 0.2552, 0.2829

Square

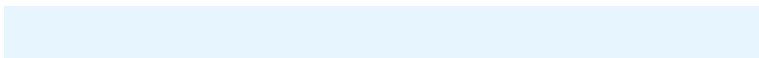
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7730, 0.3521, 0.3865



92.7730, 0.2642, 0.3333



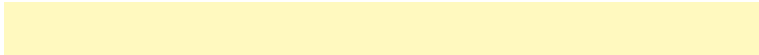
92.7730, 0.2728, 0.2752



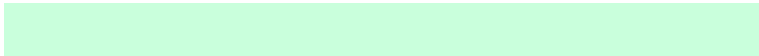
92.7730, 0.3631, 0.3220

Rectangle

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



92.7730, 0.3521, 0.3865



92.7730, 0.2994, 0.3721



92.7730, 0.2728, 0.2752



92.7730, 0.3238, 0.2909

Sweetspot

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



92.7772, 0.3521, 0.3865



97.5457, 0.3248, 0.3469



62.5711, 0.3607, 0.3225



20.7835, 0.3271, 0.3503



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

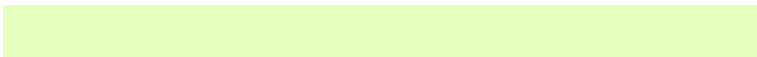
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7772, 0.3521, 0.3865



91.5411, 0.3601, 0.3979



91.9952, 0.3337, 0.3956



20.7835, 0.3271, 0.3503



41.1463, 0.4367, 0.4914



4.0873, 0.4345, 0.4932

Inverse Universe

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



58.2196, 0.2699, 0.2641



51.7120, 0.2603, 0.2493



59.1733, 0.2872, 0.2608



17.6504, 0.2979, 0.3067



4.2006, 0.1517, 0.0661



0.4966, 0.1551, 0.0784

Previews

White Background



This preview shows how the Yxy color 92.7730, 0.3521, 0.3865 looks on a white background.

Color Contrast Check

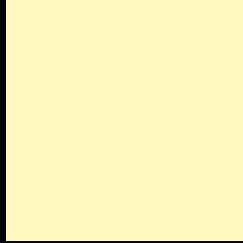
Large Text (above 18pt) WCAG AA × Fail

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 92.7730, 0.3521, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

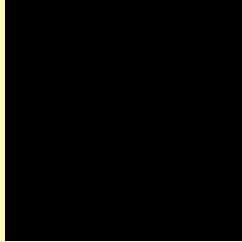
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7730, 0.3521, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 92.7730, 0.3521, 0.3865.

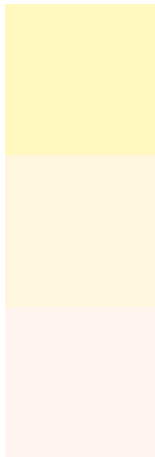


This preview shows how white text looks on a background with the Yxy color 92.7730, 0.3521, 0.3865.

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

92.7730, 0.3521, 0.3865

Protanopia

93.0020, 0.3338, 0.3546

Deuteranopia

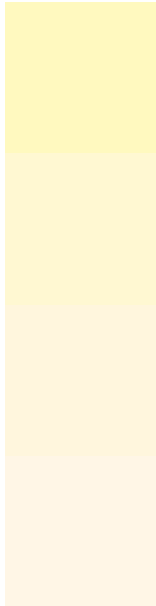
92.7379, 0.3235, 0.3358



Tritanopia

93.0532, 0.3144, 0.3204

Trichromacy



Original Color

92.7730, 0.3521, 0.3865

Protanomaly

93.0479, 0.3405, 0.3665

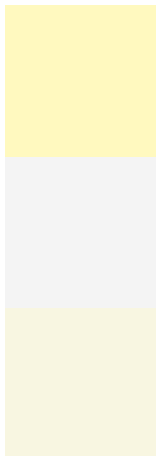
Deuteranomaly

92.3920, 0.3339, 0.3536

Tritanomaly

92.8847, 0.3283, 0.3447

Monochromacy



Original Color

92.7730, 0.3521, 0.3865

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.3042, 0.3268, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7730, 0.3521, 0.3865 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, 249, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 191)  
}
```

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, 249, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 191) }
```

Border

The CSS property to change the border of an element to Yxy 92.7730, 0.3521, 0.3865 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, 249, 191) }
```

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

```
.border{ border-color:rgb(255, 249, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7730, 0.3521, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 191) }
```

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

```
.background{ background-color: rgb(255,  
249, 191) }
```

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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