

Converting Colors

$Y_{xy}(92.7259, 0.3565, 0.4217)$

Have a look what the booklet for
Yxy(92.7259, 0.3565, 0.4217)
contains.

| | |
|--|----|
| Yxy(92.7256, 0.3563, 0.4215) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(92.7256, 0.3563, 0.4215)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0FFA4 |
| RGB | 240, 255, 164 |
| RGB Percent | 94%, 100%, 64% |
| CMY | 0.0590, 0.0000, 0.3569 |
| CMYK | 0.06, 0.00, 0.36, 0.00 |
| HSL | 70°, 100%, 82% |
| HSV | 70°, 36%, 100% |
| XYZ | 78.3823, 92.7256, 48.8817 |
| YIQ | 240.1410, 20.2710, -31.4810 |

Conversions

Conversions Part 2

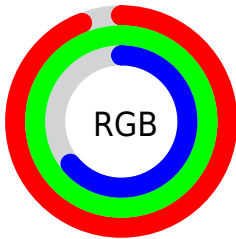
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 164, 255, 179 |
| Decimal | 15794084 |
| CIELab | 97.12, -18.69, 41.89 |
| CIELCh | 97, 45.866, 114.044 |
| Yxy | 92.7256, 0.3563, 0.4215 |
| Android (android.graphics.Color) | 4293984164 (0xFFFF0FFA4) |
| YUV | 240.1410, -37.5375, -0.1237 |
| Hunter-Lab | 96.2941, -23.2179, 37.3086 |

Details

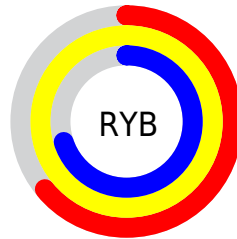
The Yxy color **92.7256, 0.3563, 0.4215** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.3549, 0.2578, 0.2239**, and the grayscale version is **87.5271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **51.6031, 0.3642, 0.4412** is the 20% darker color. If you saturate the color by 10%, you get **91.1564, 0.3672, 0.4470**, and if you desaturate by 10%, it is **94.4783, 0.3444, 0.3950**.

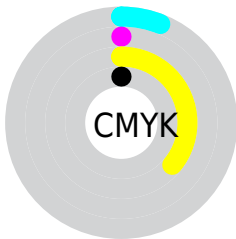
Distribution



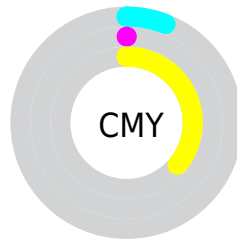
- Red (94%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.7256, 0.3563, 0.4215 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 92.7256, 0.3563, 0.4215 by changing the saturation by 10% instead.

 92.7256, 0.3563,
0.4215

 92.7256, 0.3563,
0.4215


536.8578, 0.3382,
0.3797

 70.2435, 0.3599,
0.4307


 151.1187, 0.3505,
0.4073

 51.7250, 0.3640,
0.4418


 187.7984, 0.3481,
0.4016

 36.7860, 0.3687,
0.4555

229.9794, 0.3460,
0.3968

 25.0418, 0.3740,
0.4727

278.0461, 0.3441,
0.3925

 16.1082, 0.3799,
0.4948

332.3829, 0.3424,
0.3887

 9.6008, 0.3854,
0.5235

393.3742, 0.3409,

 5.1351, 0.3934,

0.3854

0.5689

461.4043, 0.3395,
0.3824

■ 2.3267, 0.3842,
0.6158

■ 0.7878, 0.2708,
0.7292

■ 92.7256, 0.3563,
0.4215

■ 92.7256, 0.3563,
0.4215

■ 91.1564, 0.3672,
0.4470

■ 94.4783, 0.3444,
0.3950

■ 89.7869, 0.3766,
0.4706


■ 96.4523, 0.3320,
0.3686

■ 88.5958, 0.3839,
0.4910


■ 98.6480, 0.3196,
0.3430

■ 87.5688, 0.3887,
0.5074

100.0000, 0.3127,
0.3290

 86.6896, 0.3909,
0.5193

 85.9381, 0.3905,
0.5265

 85.6410, 0.3898,
0.5287

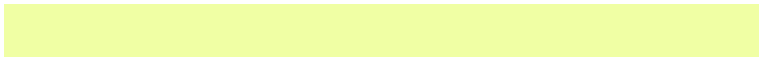
Harmonies

Analogous

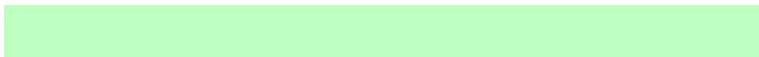
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7256, 0.3965, 0.4052



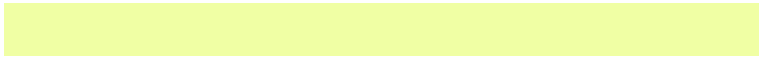
92.7256, 0.3563, 0.4215



92.7256, 0.3063, 0.4087

Triad

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



92.7256, 0.3563, 0.4215



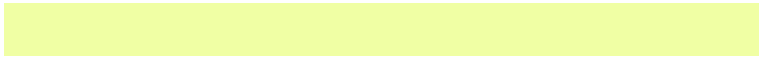
92.7256, 0.2203, 0.2749



92.7256, 0.3641, 0.2930

Complementary

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



92.7256, 0.3563, 0.4215



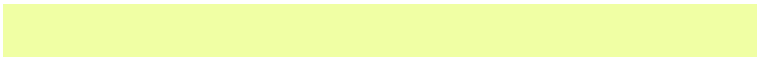
43.3549, 0.2578, 0.2239

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.



92.7256, 0.3126, 0.2639



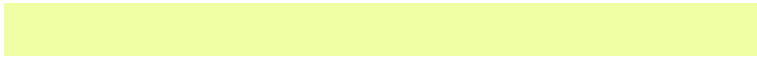
92.7256, 0.3563, 0.4215



92.7256, 0.2326, 0.2520

Square

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



92.7256, 0.3563, 0.4215



92.7256, 0.2298, 0.3166



92.7256, 0.2650, 0.2490



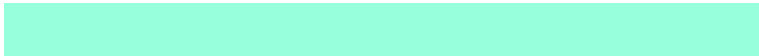
92.7256, 0.4027, 0.3309

Rectangle

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



92.7256, 0.3563, 0.4215



92.7256, 0.2744, 0.3837



92.7256, 0.2650, 0.2490



92.7256, 0.3475, 0.2820

Sweetspot

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



92.7164, 0.3563, 0.4215



97.4541, 0.3262, 0.3565



55.6376, 0.3940, 0.3436



20.7961, 0.3279, 0.3600



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

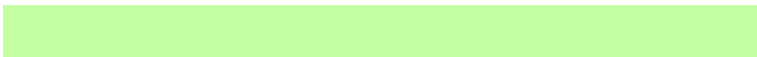
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7164, 0.3563, 0.4215



91.5569, 0.3644, 0.4403



85.9145, 0.3270, 0.4309



20.9298, 0.3243, 0.3527



44.8056, 0.3903, 0.5283



4.4012, 0.3938, 0.5255

Inverse Universe

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



43.3549, 0.2578, 0.2239



35.4155, 0.2440, 0.1990



49.4778, 0.2913, 0.2332



17.5220, 0.3004, 0.3046



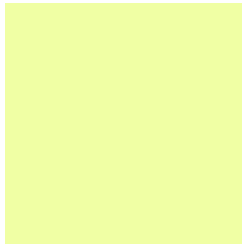
4.0737, 0.1570, 0.0639



0.4354, 0.1660, 0.0688

Previews

White Background



This preview shows how the Yxy color 92.7256, 0.3563, 0.4215 looks on a white background.

Color Contrast Check

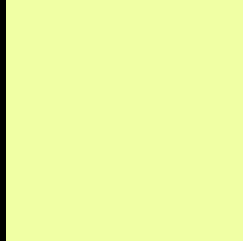
Large Text (above 18pt) WCAG AA × Fail

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 92.7256, 0.3563, 0.4215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

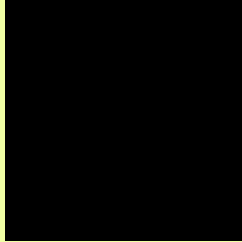
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.7256, 0.3563, 0.4215

Background



This preview shows how black text looks on a background with the Yxy color 92.7256, 0.3563, 0.4215.

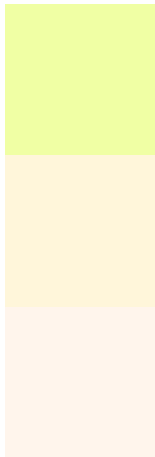


This preview shows how white text looks on a background with the Yxy color 92.7256, 0.3563, 0.4215.

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

92.7256, 0.3563, 0.4215

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

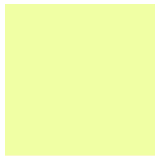
92.6209, 0.3247, 0.3378



Tritanopia

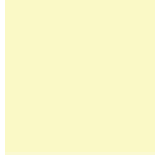
92.8488, 0.3100, 0.3193

Trichromacy



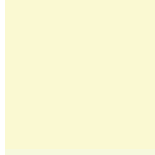
Original Color

92.7256, 0.3563, 0.4215



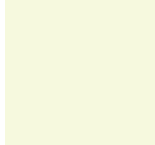
Protanomaly

92.1526, 0.3444, 0.3801



Deuteranomaly

92.7285, 0.3370, 0.3679



Tritanomaly

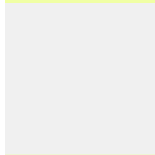
92.6181, 0.3269, 0.3560

Monochromacy



Original Color

92.7256, 0.3563, 0.4215



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5835, 0.3295, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7256, 0.3563, 0.4215 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(240, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 164)  
}
```

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(240, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 164) }
```

Border

The CSS property to change the border of an element to Yxy 92.7256, 0.3563, 0.4215 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(240, 255, 164) }
```

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

```
.border{ border-color:rgb(240, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7256, 0.3563, 0.4215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 164) }
```

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

```
.background{ background-color: rgb(240,  
255, 164) }
```

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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