

Converting Colors

$Y_{xy}(35.4838, 0.2447, 0.2110)$

Have a look what the booklet for
Yxy(35.4838, 0.2447, 0.2110)
contains.

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Color

Yxy(35.5344, 0.2446, 0.2107)

Conversions

Conversions Part 1

Format	Color
Hex	9C96F6
RGB	156, 150, 246
RGB Percent	61%, 59%, 96%
CMY	0.3882, 0.4118, 0.0353
CMYK	0.37, 0.39, 0.00, 0.04
HSL	244°, 84%, 78%
HSV	244°, 39%, 96%
XYZ	41.2516, 35.5344, 91.8633
YIQ	162.7380, -27.2400, 31.1280

Conversions

Conversions Part 2

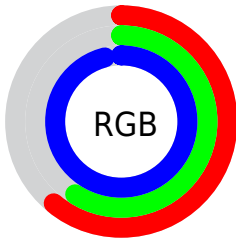
Format	Color
R _Y B	156, 150, 246
Decimal	10262262
CIE Lab	66.16, 24.41, -47.32
CIE LCh	66, 53.250, 297.288
Yxy	35.5344, 0.2446, 0.2107
Android (android.graphics.Color)	4288452342 (0xFF9C96F6)
YUV	162.7380, 41.0482, -5.9092
Hunter-Lab	59.6107, 19.2061, -49.6415

Details

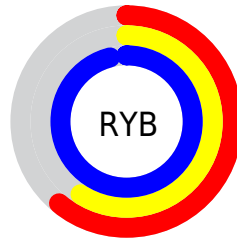
The Yxy color **35.5344, 0.2446, 0.2107** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **86.6266, 0.3670, 0.4274**, and the grayscale version is **36.3105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5519, 0.2853, 0.2745**, and **15.3645, 0.2251, 0.1819** is the 20% darker color. If you saturate the color by 10%, you get **26.4057, 0.2237, 0.1753**, and if you desaturate by 10%, it is **46.7500, 0.2647, 0.2450**.

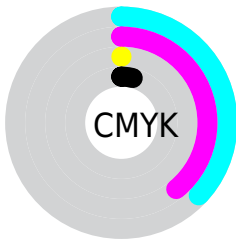
Distribution



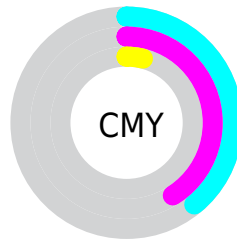
- Red (61%)
- Green (59%)
- Blue (96%)



- Red (61%)
- Yellow (59%)
- Blue (96%)



- Cyan (37%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)




- Cyan (39%)
- Magenta (41%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5344, 0.2446, 0.2107 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 35.5344, 0.2446, 0.2107 by changing the saturation by 10% instead.


 35.5344, 0.2446,
0.2107


 35.5344, 0.2446,
0.2107


 326.9209, 0.2797,
0.2671

 24.0748, 0.2358,
0.1978


 68.3128, 0.2574,
0.2304


 15.3891, 0.2246,
0.1819


 90.4004, 0.2622,
0.2380


 9.0929, 0.2100,
0.1622


 116.7995, 0.2663,
0.2446

 4.8019, 0.1904,
0.1372

 147.8945, 0.2698,
0.2503

 2.1315, 0.1631,
0.1055

 184.0697, 0.2728,
0.2552

 0.6822, 0.1248,
0.0649

 225.7096, 0.2754,

 0.0000, 0.0424,

0.2596

0.0000

273.1985, 0.2777,
0.2636

0.0000, 0.0000,
0.0000

35.5344, 0.2446,
0.2107

35.5344, 0.2446,
0.2107

26.4057, 0.2237,
0.1753

46.7500, 0.2647,
0.2450

19.2311, 0.2031,
0.1410

60.1662, 0.2831,
0.2770

13.8691, 0.1842,
0.1104

75.8933, 0.2996,
0.3058

10.1570, 0.1687,
0.0859

94.0330, 0.3140,
0.3314

7.9032, 0.1578,
0.0696

99.4331, 0.3179,
0.3376

■ 6.8309, 0.1518,
0.0614

■ 6.7582, 0.1514,
0.0608

Harmonies

Analogous

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



35.5344, 0.1953, 0.2099



35.5344, 0.2446, 0.2107



35.5344, 0.3193, 0.2350

Triad

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



35.5344, 0.2446, 0.2107



35.5344, 0.4713, 0.3922



35.5344, 0.2231, 0.3824

Complementary

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



35.5344, 0.2446, 0.2107



86.6266, 0.3670, 0.4274

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.



35.5344, 0.2900, 0.4578



35.5344, 0.2446, 0.2107



35.5344, 0.4342, 0.4472

Square

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



35.5344, 0.2446, 0.2107



35.5344, 0.4612, 0.3331



35.5344, 0.3673, 0.4788



35.5344, 0.1833, 0.2965

Rectangle

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



35.5344, 0.2446, 0.2107



35.5344, 0.3756, 0.2621



35.5344, 0.3673, 0.4788



35.5344, 0.2429, 0.4114

Sweetspot

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



35.5357, 0.2446, 0.2107



76.9668, 0.2949, 0.2975



76.1596, 0.2578, 0.3233



15.9864, 0.2927, 0.2938



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.



35.5357, 0.2446, 0.2107



30.3994, 0.2277, 0.1822



41.1336, 0.2807, 0.2216



15.9763, 0.2989, 0.3046



3.6274, 0.1519, 0.0611



0.3359, 0.1567, 0.0637

Inverse Universe

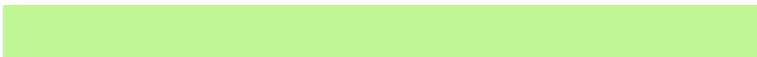
The Inverse Universe completely reimagines the original color for something new.



47.6932, 0.3223, 0.2378



45.3754, 0.3245, 0.2205



79.4695, 0.3343, 0.4391



16.7493, 0.3148, 0.3071



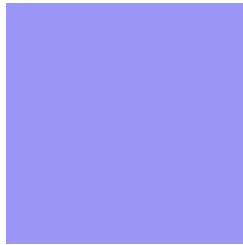
13.5327, 0.3373, 0.1632



1.1947, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 35.5344, 0.2446, 0.2107 looks on a white background.

Color Contrast Check

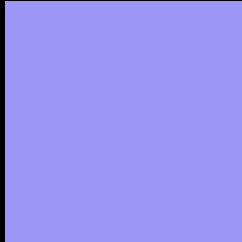
Large Text (above 18pt) WCAG AA × Fail

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 35.5344, 0.2446, 0.2107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

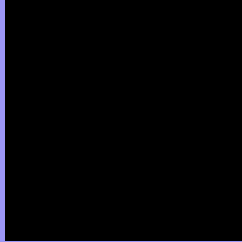
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5344, 0.2446, 0.2107

Background



This preview shows how black text looks on a background with the Yxy color 35.5344, 0.2446, 0.2107.



This preview shows how white text looks on a background with the Yxy color 35.5344, 0.2446, 0.2107.

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

35.5344, 0.2446, 0.2107

Protanopia

35.9055, 0.2231, 0.2086

Deuteranopia

35.7382, 0.2256, 0.2192



Tritanopia

35.3407, 0.2801, 0.3081

Trichromacy



Original Color

35.5344, 0.2446, 0.2107

Protanomaly

35.5791, 0.2302, 0.2093

Deuteranomaly

35.4378, 0.2317, 0.2150

Tritanomaly

35.2191, 0.2660, 0.2674

Monochromacy



Original Color

35.5344, 0.2446, 0.2107

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.7776, 0.2849, 0.2805

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5344, 0.2446, 0.2107 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(156, 150, 246)` looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 246)  
}
```

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(156, 150, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 246) }
```

Border

The CSS property to change the border of an element to Yxy 35.5344, 0.2446, 0.2107 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(156, 150, 246) }
```

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

```
.border{ border-color:rgb(156, 150, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 246);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5344, 0.2446, 0.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 246) }
```

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

```
.background{ background-color: rgb(156,  
150, 246) }
```

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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