

Converting Colors

$Yxy(37.0527, 0.2464, 0.2160)$

Have a look what the booklet for
Yxy(37.0527, 0.2464, 0.2160)
contains.

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Color

Yxy(37.0341, 0.2467, 0.2160)

Conversions

Conversions Part 1

Format	Color
Hex	9E9AF6
RGB	158, 154, 246
RGB Percent	62%, 60%, 96%
CMY	0.3802, 0.3961, 0.0352
CMYK	0.36, 0.37, 0.00, 0.04
HSL	243°, 84%, 78%
HSV	243°, 37%, 96%
XYZ	42.2977, 37.0341, 92.1223
YIQ	165.6840, -27.1480, 29.4600

Conversions

Conversions Part 2

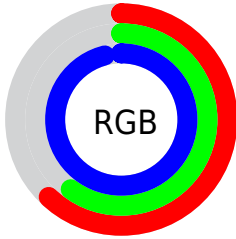
Format	Color
R _Y B	158, 154, 246
Decimal	10394358
CIE Lab	67.30, 22.67, -45.54
CIE LCh	67, 50.868, 296.469
Yxy	37.0341, 0.2467, 0.2160
Android (android.graphics.Color)	4288584438 (0xFF9E9AF6)
YUV	165.6840, 39.5958, -6.7389
Hunter-Lab	60.8556, 17.5691, -47.1533

Details

The Yxy color **37.0341, 0.2467, 0.2160** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **87.1280, 0.3661, 0.4231**, and the grayscale version is **37.7913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7788, 0.2868, 0.2791**, and **16.2582, 0.2279, 0.1888** is the 20% darker color. If you saturate the color by 10%, you get **27.5687, 0.2256, 0.1805**, and if you desaturate by 10%, it is **48.6227, 0.2669, 0.2502**.

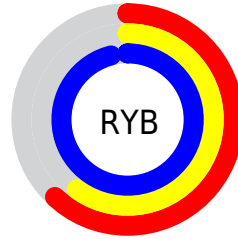
Distribution



Red (62%)

Green (60%)

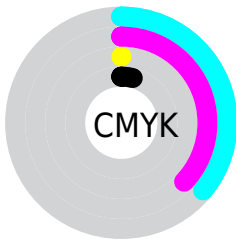
Blue (96%)



Red (62%)

Yellow (60%)

Blue (96%)

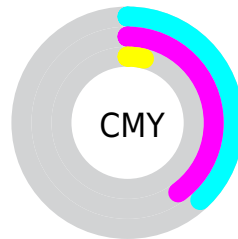


Cyan (36%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (38%)


Magenta (40%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0341, 0.2467, 0.2160 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 37.0341, 0.2467, 0.2160 by changing the saturation by 10% instead.


 37.0341, 0.2467,
0.2160

 37.0341, 0.2467,
0.2160


333.4581, 0.2805,
0.2698

 25.2339, 0.2383,
0.2036


 70.6252, 0.2590,
0.2348

 16.2514, 0.2276,
0.1884


 93.1849, 0.2637,
0.2421

 9.7022, 0.2136,
0.1694


120.0999, 0.2676,
0.2484

 5.2020, 0.1947,
0.1453

151.7546, 0.2709,
0.2538

 2.3663, 0.1686,
0.1143

188.5334, 0.2738,
0.2586

 0.8084, 0.1314,
0.0749

230.8206, 0.2763,

 0.0000, 0.0581,

0.2628

0.0000

279.0008, 0.2786,
0.2665

0.0000, 0.0000,
0.0000

37.0341, 0.2467,
0.2160

37.0341, 0.2467,
0.2160

27.5687, 0.2256,
0.1805

48.6227, 0.2669,
0.2502

20.0938, 0.2046,
0.1457

62.4481, 0.2854,
0.2818

14.4685, 0.1854,
0.1142

78.6207, 0.3018,
0.3102

10.5315, 0.1695,
0.0886

97.2425, 0.3163,
0.3352

8.0938, 0.1582,
0.0710

99.4350, 0.3179,
0.3376

■ 6.9119, 0.1519,
0.0620

■ 6.7249, 0.1510,
0.0605

Harmonies

Analogous

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



37.0341, 0.2001, 0.2162



37.0341, 0.2467, 0.2160



37.0341, 0.3171, 0.2387

Triad

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



37.0341, 0.2467, 0.2160



37.0341, 0.4631, 0.3887



37.0341, 0.2296, 0.3816

Complementary

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



37.0341, 0.2467, 0.2160



87.1280, 0.3661, 0.4231

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.



37.0341, 0.2939, 0.4507



37.0341, 0.2467, 0.2160



37.0341, 0.4298, 0.4406

Square

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



37.0341, 0.2467, 0.2160



37.0341, 0.4518, 0.3322



37.0341, 0.3672, 0.4698



37.0341, 0.1904, 0.3009

Rectangle

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



37.0341, 0.2467, 0.2160



37.0341, 0.3701, 0.2644



37.0341, 0.3672, 0.4698



37.0341, 0.2488, 0.4083

Sweetspot

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



37.0355, 0.2467, 0.2160



78.6549, 0.2961, 0.3003



77.5960, 0.2599, 0.3253



16.3200, 0.2939, 0.2965



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.



37.0355, 0.2467, 0.2160



32.0961, 0.2305, 0.1888



42.4692, 0.2812, 0.2260



15.9615, 0.2986, 0.3046



3.6044, 0.1513, 0.0607



0.3288, 0.1547, 0.0626

Inverse Universe

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



49.1130, 0.3204, 0.2399



46.9885, 0.3221, 0.2229



80.1176, 0.3346, 0.4338



16.7550, 0.3145, 0.3067



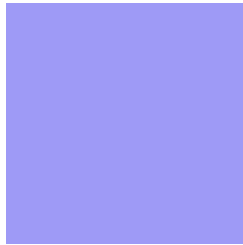
13.6708, 0.3322, 0.1604



1.2054, 0.3307, 0.1595

Previews

White Background



This preview shows how the Yxy color 37.0341, 0.2467, 0.2160 looks on a white background.

Color Contrast Check

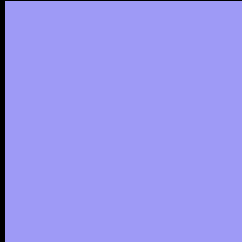
Large Text (above 18pt) WCAG AA × Fail

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 37.0341, 0.2467, 0.2160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

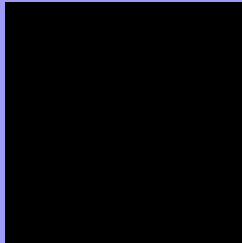
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0341, 0.2467, 0.2160

Background



This preview shows how black text looks on a background with the Yxy color 37.0341, 0.2467, 0.2160.



This preview shows how white text looks on a background with the Yxy color 37.0341, 0.2467, 0.2160.

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

37.0341, 0.2467, 0.2160

Protanopia

37.3433, 0.2277, 0.2143

Deuteranopia

37.2381, 0.2297, 0.2241



Tritanopia

37.1811, 0.2807, 0.3099

Trichromacy



Original Color

37.0341, 0.2467, 0.2160

Protanomaly

37.0186, 0.2340, 0.2141

Deuteranomaly

37.1375, 0.2351, 0.2209

Tritanomaly

36.8981, 0.2668, 0.2709

Monochromacy



Original Color

37.0341, 0.2467, 0.2160

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.5673, 0.2862, 0.2839

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0341, 0.2467, 0.2160 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(158, 154, 246)` looks like.

```
.text, #text, p{  
    color:rgb(158, 154, 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(158, 154, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 246) }
```

Border

The CSS property to change the border of an element to Yxy 37.0341, 0.2467, 0.2160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

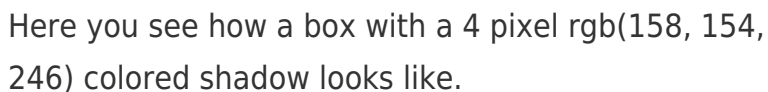
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 154, 246) }
```

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

```
.border{ border-color:rgb(158, 154, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 154, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 154, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 154, 246); box-shadow:4px 4px 4px 4px rgb(158, 154, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0341, 0.2467, 0.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 246) }
```

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

```
.background{ background-color: rgb(158,  
154, 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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