

Converting Colors

$Y_{xy}(39.2152, 0.2225, 0.1839)$

Have a look what the booklet for
Yxy(39.2152, 0.2225, 0.1839)
contains.

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Color

Yxy(37.1467, 0.2365, 0.2075)

Conversions

Conversions Part 1

Format	Color
Hex	969BFF
RGB	150, 155, 255
RGB Percent	59%, 61%, 100%
CMY	0.4120, 0.3921, 0.0000
CMYK	0.41, 0.39, 0.00, 0.00
HSL	237°, 100%, 79%
HSV	237°, 41%, 100%
XYZ	42.3383, 37.1467, 99.5353
YIQ	164.9050, -35.0800, 30.0400

Conversions

Conversions Part 2

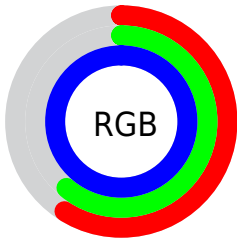
Format	Color
R_{YB}	150, 155, 255
Decimal	9870335
CIE _{Lab}	67.39, 22.43, -50.33
CIE _{LCh}	67, 55.106, 294.020
Yxy	37.1467, 0.2365, 0.2075
Android (android.graphics.Color)	4288060415 (0xFF969BFF)
YUV	164.9050, 44.4168, -13.0717
Hunter-Lab	60.9481, 17.3379, -54.1637

Details

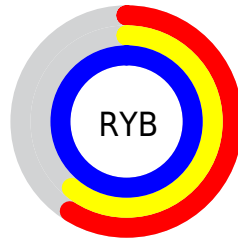
The Yxy color **37.1467, 0.2365, 0.2075** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.7682, 0.3763, 0.4270**, and the grayscale version is **37.3716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2308, 0.2822, 0.2795**, and **16.3050, 0.2148, 0.1782** is the 20% darker color. If you saturate the color by 10%, you get **27.7052, 0.2152, 0.1728**, and if you desaturate by 10%, it is **48.7397, 0.2574, 0.2413**.

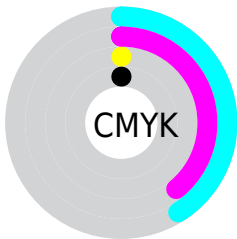
Distribution



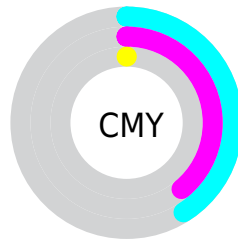
- Red (59%)
- Green (61%)
- Blue (100%)



- Red (59%)
- Yellow (61%)
- Blue (100%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1467, 0.2365, 0.2075 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 37.1467, 0.2365, 0.2075 by changing the saturation by 10% instead.

■ 37.1467, 0.2365,
0.2075

■ 37.1467, 0.2365,
0.2075

■ 333.9452, 0.2751,
0.2649

■ 25.3211, 0.2271,
0.1945

■ 70.7984, 0.2504,
0.2274

■ 16.3164, 0.2152,
0.1787

■ 93.3932, 0.2557,
0.2352

■ 9.7484, 0.1999,
0.1591

■ 120.3466, 0.2602,
0.2418

■ 5.2324, 0.1796,
0.1345

■ 152.0429, 0.2640,
0.2477

■ 2.3843, 0.1523,
0.1038

■ 188.8665, 0.2674,
0.2528

■ 0.8178, 0.1149,
0.0660

■ 231.2018, 0.2703,

■ 0.0000, 0.0482,

0.2573


0.0000

279.4333, 0.2728,
0.2613


 0.0000, 0.0000,
0.0000

 37.1467, 0.2365,
0.2075

 37.1467, 0.2365,
0.2075

 27.7052, 0.2152,
0.1728


 48.7397, 0.2574,
0.2413

 20.2789, 0.1949,
0.1392


 62.6012, 0.2771,
0.2727

 14.7225, 0.1771,
0.1092

 78.8445, 0.2950,
0.3011

 10.8689, 0.1633,
0.0854

 97.5742, 0.3109,
0.3262

 8.5220, 0.1544,
0.0694

99.9992, 0.3127,
0.3290

■ 7.4906, 0.1506,
0.0620

Harmonies

Analogous

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



37.1467, 0.1897, 0.2094



37.1467, 0.2365, 0.2075



37.1467, 0.3102, 0.2298

Triad

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



37.1467, 0.2365, 0.2075



37.1467, 0.4756, 0.3863



37.1467, 0.2276, 0.3934

Complementary

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



37.1467, 0.2365, 0.2075



91.7682, 0.3763, 0.4270

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.



37.1467, 0.2978, 0.4661



37.1467, 0.2365, 0.2075



37.1467, 0.4421, 0.4435

Square

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



37.1467, 0.2365, 0.2075



37.1467, 0.4598, 0.3265



37.1467, 0.3762, 0.4802



37.1467, 0.1839, 0.3043

Rectangle

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



37.1467, 0.2365, 0.2075



37.1467, 0.3675, 0.2560



37.1467, 0.3762, 0.4802



37.1467, 0.2487, 0.4222

Sweetspot

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



37.1480, 0.2365, 0.2075



77.4595, 0.2936, 0.2990



84.8759, 0.2585, 0.3347



16.1011, 0.2914, 0.2954



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.



37.1480, 0.2365, 0.2075



29.6060, 0.2199, 0.1804



40.9110, 0.2700, 0.2123



17.5187, 0.2978, 0.3056



3.9736, 0.1508, 0.0629



0.4343, 0.1527, 0.0697

Inverse Universe

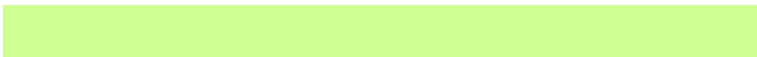
The Inverse Universe completely reimagines the original color for something new.



45.4181, 0.4141, 0.3240



39.0190, 0.4446, 0.3232



87.0809, 0.3422, 0.4435



18.0013, 0.3287, 0.3279



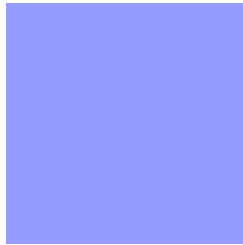
11.1291, 0.6352, 0.3273



1.0884, 0.6238, 0.3210

Previews

White Background



This preview shows how the Yxy color 37.1467, 0.2365, 0.2075 looks on a white background.

Color Contrast Check

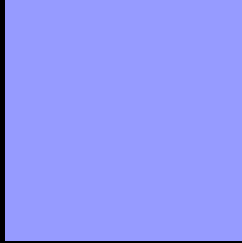
Large Text (above 18pt) WCAG AA × Fail

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 37.1467, 0.2365, 0.2075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

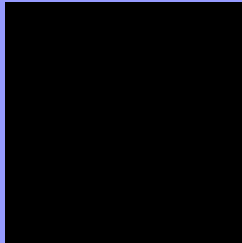
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1467, 0.2365, 0.2075

Background



This preview shows how black text looks on a background with the Yxy color 37.1467, 0.2365, 0.2075.



This preview shows how white text looks on a background with the Yxy color 37.1467, 0.2365, 0.2075.

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

37.1467, 0.2365, 0.2075

Protanopia

37.3769, 0.2252, 0.2112

Deuteranopia

37.1378, 0.2207, 0.2140



Tritanopia

37.1157, 0.2702, 0.3081

Trichromacy



Original Color

37.1467, 0.2365, 0.2075

Protanomaly

37.3346, 0.2293, 0.2100

Deuteranomaly

37.0432, 0.2260, 0.2110

Tritanomaly

37.0524, 0.2570, 0.2665

Monochromacy



Original Color

37.1467, 0.2365, 0.2075

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0405, 0.2813, 0.2783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1467, 0.2365, 0.2075 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(150, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 155, 255)  
}
```

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(150, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 155, 255) }
```

Border

The CSS property to change the border of an element to Yxy 37.1467, 0.2365, 0.2075 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(150, 155, 255) }
```

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

```
.border{ border-color:rgb(150, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 155,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1467, 0.2365, 0.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 155, 255) }
```

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

```
.background{ background-color: rgb(150,  
155, 255) }
```

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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