

Converting Colors

$Yxy(37.7076, 0.2544, 0.2434)$

Have a look what the booklet for
Yxy(37.7076, 0.2544, 0.2434)
contains.

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Color

Yxy(37.6151, 0.2543, 0.2429)

Conversions

Conversions Part 1

Format	Color
Hex	97A1E3
RGB	151, 161, 227
RGB Percent	59%, 63%, 89%
CMY	0.4076, 0.3687, 0.1098
CMYK	0.33, 0.29, 0.00, 0.11
HSL	232°, 58%, 74%
HSV	232°, 33%, 89%
XYZ	39.3805, 37.6151, 77.8628
YIQ	165.5340, -27.1460, 18.4060

Conversions

Conversions Part 2

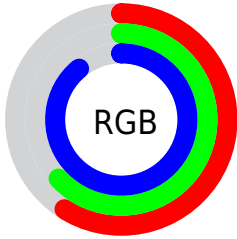
Format	Color
R _Y B	151, 160, 227
Decimal	9937379
CIE Lab	67.74, 11.82, -34.48
CIE LCh	68, 36.446, 288.922
Yxy	37.6151, 0.2543, 0.2429
Android (android.graphics.Color)	4288127459 (0xFF97A1E3)
YUV	165.5340, 30.3027, -12.7463
Hunter-Lab	61.3312, 7.2846, -32.3397

Details

The Yxy color **37.6151, 0.2543, 0.2429** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.2332, 0.3663, 0.4025**, and the grayscale version is **37.7627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5971, 0.2820, 0.2871**, and **16.6335, 0.2372, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **29.2884, 0.2342, 0.2118**, and if you desaturate by 10%, it is **47.4512, 0.2735, 0.2719**.

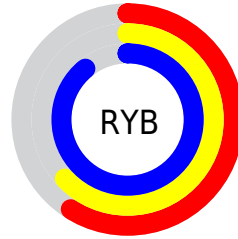
Distribution



Red (59%)

Green (63%)

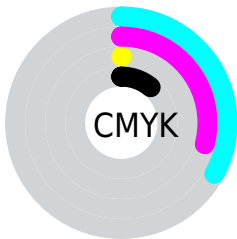
Blue (89%)



Red (59%)

Yellow (63%)

Blue (89%)

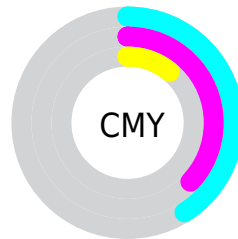


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.6151, 0.2543, 0.2429 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 37.6151, 0.2543, 0.2429 by changing the saturation by 10% instead.

■ 37.6151, 0.2543,
0.2429

■ 37.6151, 0.2543,
0.2429

335.9660, 0.2841,
0.2852

■ 25.6841, 0.2468,
0.2327

■ 71.5178, 0.2652,
0.2580

■ 16.5875, 0.2372,
0.2199

■ 94.2583, 0.2693,
0.2638

■ 9.9408, 0.2245,
0.2034

121.3707, 0.2727,
0.2687

■ 5.3597, 0.2070,
0.1815

153.2395, 0.2757,
0.2729

■ 2.4598, 0.1820,
0.1515

190.2490, 0.2782,
0.2766

■ 0.8564, 0.1445,
0.1095

232.7837, 0.2805,

■ 0.0000, 0.0184,

0.2798

0.0000

281.2279, 0.2824,
0.2827

0.0000, 0.0000,
0.0000

37.6151, 0.2543,
0.2429

37.6151, 0.2543,
0.2429

29.2884, 0.2342,
0.2118

47.4512, 0.2735,
0.2719

22.3917, 0.2139,
0.1796

58.8621, 0.2914,
0.2982

16.8450, 0.1948,
0.1481

71.9145, 0.3075,
0.3216

12.5584, 0.1780,
0.1191

86.6701, 0.3220,
0.3421

9.4309, 0.1648,
0.0948

98.3265, 0.3292,
0.3562

■ 7.3451, 0.1560,
0.0769

■ 6.4591, 0.1524,
0.0687

Harmonies

Analogous

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



37.6151, 0.2234, 0.2493



37.6151, 0.2543, 0.2429



37.6151, 0.3029, 0.2558

Triad

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



37.6151, 0.2543, 0.2429



37.6151, 0.4221, 0.3662



37.6151, 0.2640, 0.3798

Complementary

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



37.6151, 0.2543, 0.2429



68.2332, 0.3663, 0.4025

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.



37.6151, 0.3147, 0.4199



37.6151, 0.2543, 0.2429



37.6151, 0.4076, 0.4048

Square

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



37.6151, 0.2543, 0.2429



37.6151, 0.4041, 0.3234



37.6151, 0.3675, 0.4273



37.6151, 0.2282, 0.3245

Rectangle

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



37.6151, 0.2543, 0.2429



37.6151, 0.3404, 0.2733



37.6151, 0.3675, 0.4273



37.6151, 0.2798, 0.3961

Sweetspot

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



37.6165, 0.2543, 0.2429



82.1445, 0.2970, 0.3065



66.5306, 0.2707, 0.3413



17.0832, 0.2947, 0.3031



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.



37.6165, 0.2543, 0.2429



41.3877, 0.2407, 0.2219



37.2701, 0.2748, 0.2354



14.1894, 0.2980, 0.3079



3.8609, 0.1529, 0.0703



0.3838, 0.1586, 0.0908

Inverse Universe

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



41.0561, 0.3805, 0.3176



46.8081, 0.4010, 0.3152



69.3424, 0.3419, 0.4185



14.3985, 0.3272, 0.3260



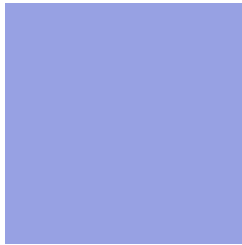
9.5875, 0.6228, 0.3205



0.7184, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 37.6151, 0.2543, 0.2429 looks on a white background.

Color Contrast Check

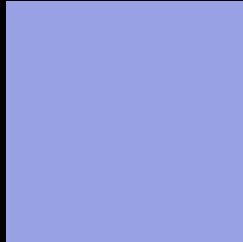
Large Text (above 18pt) WCAG AA × Fail

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 37.6151, 0.2543, 0.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

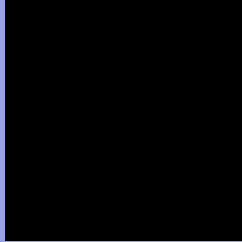
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6151, 0.2543, 0.2429

Background



This preview shows how black text looks on a background with the Yxy color 37.6151, 0.2543, 0.2429.



This preview shows how white text looks on a background with the Yxy color 37.6151, 0.2543, 0.2429.

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

37.6151, 0.2543, 0.2429

Protanopia

37.8156, 0.2498, 0.2436

Deuteranopia

37.7602, 0.2504, 0.2447



Tritanopia

37.4576, 0.2777, 0.3085

Trichromacy



Original Color

37.6151, 0.2543, 0.2429

Protanomaly

37.6451, 0.2510, 0.2425

Deuteranomaly

37.5898, 0.2516, 0.2436

Tritanomaly

37.4157, 0.2690, 0.2826

Monochromacy



Original Color

37.6151, 0.2543, 0.2429

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7588, 0.2901, 0.2956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6151, 0.2543, 0.2429 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(151, 161, 227)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 227)  
}
```

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(151, 161, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 227) }
```

Border

The CSS property to change the border of an element to Yxy 37.6151, 0.2543, 0.2429 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(151, 161, 227) }
```

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

```
.border{ border-color:rgb(151, 161, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 227);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6151, 0.2543, 0.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 227) }
```

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

```
.background{ background-color: rgb(151,  
161, 227) }
```

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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