

Converting Colors

Yxy(37.4831, 0.2477, 0.2399)

Have a look what the booklet for
Yxy(37.4831, 0.2477, 0.2399)
contains.

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Color

Yxy(37.4831, 0.2477, 0.2399)

Conversions

Conversions Part 1

Format	Color
Hex	90A2E6
RGB	144, 162, 230
RGB Percent	56%, 64%, 90%
CMY	0.4354, 0.3647, 0.0980
CMYK	0.37, 0.30, 0.00, 0.10
HSL	227°, 63%, 73%
HSV	227°, 37%, 90%
XYZ	38.7018, 37.4831, 80.0598
YIQ	164.3700, -32.5560, 17.3320

Conversions

Conversions Part 2

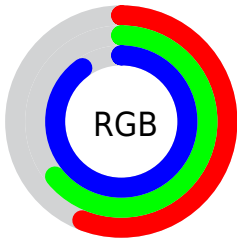
Format	Color
RYB	144, 159, 230
Decimal	9478886
CIELab	67.64, 10.09, -36.31
CIElCh	68, 37.688, 285.526
Yxy	37.4831, 0.2477, 0.2399
Android (android.graphics.Color)	4287668966 (0xFF90A2E6)
YUV	164.3700, 32.3556, -17.8645
Hunter-Lab	61.2234, 5.6960, -34.6751

Details

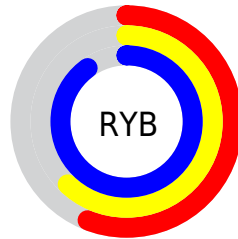
The Yxy color **37.4831, 0.2477, 0.2399** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.9098, 0.3755, 0.4044**, and the grayscale version is **37.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1251, 0.2776, 0.2877**, and **16.5985, 0.2294, 0.2171** is the 20% darker color. If you saturate the color by 10%, you get **29.6716, 0.2283, 0.2109**, and if you desaturate by 10%, it is **46.6452, 0.2667, 0.2671**.

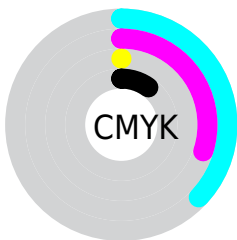
Distribution



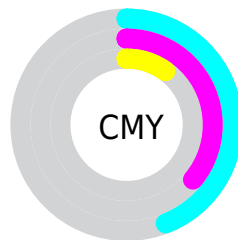
- Red (56%)
- Green (64%)
- Blue (90%)



- Red (56%)
- Yellow (62%)
- Blue (90%)



- Cyan (37%)
- Magenta (30%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4831, 0.2477, 0.2399 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 37.4831, 0.2477, 0.2399 by changing the saturation by 10% instead.

■ 37.4831, 0.2477,
0.2399

■ 37.4831, 0.2477,
0.2399

■ 335.3974, 0.2807,
0.2837

■ 25.5818, 0.2395,
0.2294

■ 71.3152, 0.2597,
0.2556

■ 16.5110, 0.2290,
0.2162

■ 94.0147, 0.2642,
0.2615

■ 9.8865, 0.2152,
0.1991

■ 121.0824, 0.2681,
0.2666

■ 5.3238, 0.1964,
0.1767

■ 152.9027, 0.2713,
0.2710

■ 2.4384, 0.1699,
0.1461

■ 189.8599, 0.2742,
0.2748

■ 0.8456, 0.1311,
0.1038

■ 232.3385, 0.2766,

■ 0.0000, 0.0000,

0.2781

0.0000

280.7229, 0.2788,
0.2811

■ 37.4831, 0.2477,
0.2399

■ 37.4831, 0.2477,
0.2399

■ 29.6716, 0.2283,
0.2109

■ 46.6452, 0.2667,
0.2671

■ 23.1411, 0.2092,
0.1811

■ 57.2144, 0.2847,
0.2919

■ 17.8221, 0.1915,
0.1518

■ 69.2491, 0.3013,
0.3142

■ 13.6361, 0.1764,
0.1246

■ 82.8032, 0.3165,
0.3339

■ 10.4949, 0.1647,
0.1014

■ 97.1649, 0.3276,
0.3512

■ 8.2919, 0.1570,
0.0833

■ 98.4934, 0.3274,
0.3532

■ 7.8443, 0.1554,
0.0794

Harmonies

Analogous

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



37.4831, 0.2184, 0.2487



37.4831, 0.2477, 0.2399



37.4831, 0.2962, 0.2511

Triad

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



37.4831, 0.2477, 0.2399



37.4831, 0.4255, 0.3622



37.4831, 0.2676, 0.3877

Complementary

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



37.4831, 0.2477, 0.2399



65.9098, 0.3755, 0.4044

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.



37.4831, 0.3210, 0.4261



37.4831, 0.2477, 0.2399



37.4831, 0.4140, 0.4031

Square

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



37.4831, 0.2477, 0.2399



37.4831, 0.4032, 0.3181



37.4831, 0.3748, 0.4294



37.4831, 0.2285, 0.3306

Rectangle

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



37.4831, 0.2477, 0.2399



37.4831, 0.3346, 0.2681



37.4831, 0.3748, 0.4294



37.4831, 0.2844, 0.4038

Sweetspot

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



37.4845, 0.2477, 0.2399



81.7239, 0.2954, 0.3064



67.2442, 0.2702, 0.3521



17.0449, 0.2932, 0.3034



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.



37.4845, 0.2477, 0.2399



39.4761, 0.2324, 0.2172



34.0168, 0.2632, 0.2212



14.3742, 0.2980, 0.3099



4.5835, 0.1560, 0.0816



0.4713, 0.1633, 0.1078

Inverse Universe

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



39.3724, 0.3847, 0.3083



42.7806, 0.4080, 0.3041



71.6772, 0.3504, 0.4280



14.4172, 0.3260, 0.3241



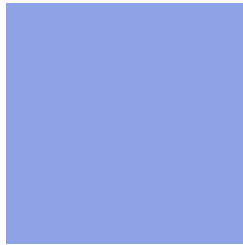
9.6604, 0.6044, 0.3103



0.7273, 0.5642, 0.2882

Previews

White Background



This preview shows how the Yxy color 37.4831, 0.2477, 0.2399 looks on a white background.

Color Contrast Check

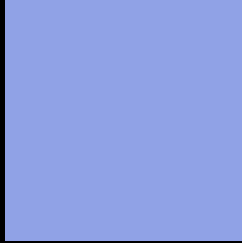
Large Text (above 18pt) WCAG AA × Fail

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 37.4831, 0.2477, 0.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

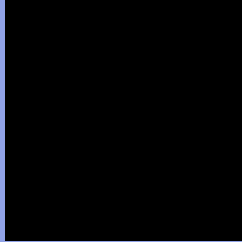
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4831, 0.2477, 0.2399

Background



This preview shows how black text looks on a background with the Yxy color 37.4831, 0.2477, 0.2399.



This preview shows how white text looks on a background with the Yxy color 37.4831, 0.2477, 0.2399.

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

37.4831, 0.2477, 0.2399

Protanopia

37.4831, 0.2477, 0.2399

Deuteranopia

37.6583, 0.2466, 0.2409



Tritanopia

37.5731, 0.2711, 0.3097

Trichromacy



Original Color

37.4831, 0.2477, 0.2399

Protanomaly

37.4831, 0.2477, 0.2399

Deuteranomaly

37.7472, 0.2472, 0.2411

Tritanomaly

37.5407, 0.2620, 0.2821

Monochromacy



Original Color

37.4831, 0.2477, 0.2399

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9933, 0.2866, 0.2939

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4831, 0.2477, 0.2399 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(144, 162, 230)` looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 230)  
}
```

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(144, 162, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 230) }
```

Border

The CSS property to change the border of an element to Yxy 37.4831, 0.2477, 0.2399 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(144, 162, 230) }
```

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

```
.border{ border-color:rgb(144, 162, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 230);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4831, 0.2477, 0.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 230) }
```

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

```
.background{ background-color: rgb(144,  
162, 230) }
```

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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