

Converting Colors

YUV(24.2460, 37.3467, 14.6933)

Have a look what the booklet for
YUV(24.2460, 37.3467, 14.6933)
contains.

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Color

**YUV(24.2460, 37.3467,
14.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	290164
RGB	41, 1, 100
RGB Percent	16%, 0%, 39%
CMY	0.8392, 0.9961, 0.6078
CMYK	0.59, 0.99, 0.00, 0.61
HSL	264°, 98%, 20%
HSV	264°, 99%, 39%
XYZ	3.2256, 1.4132, 12.1594
YIQ	24.2460, -7.9390, 39.2690

Conversions

Conversions Part 2

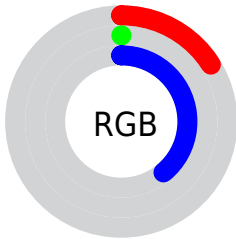
Format	Color
RYB	41, 1, 100
Decimal	2687332
CIELab	12.05, 40.99, -47.96
CIELCh	12, 63.091, 310.524
Yxy	1.4132, 0.1920, 0.0841
Android (android.graphics.Color)	4280877412 (0xFF290164)
YUV	24.2460, 37.3467, 14.6933
Hunter-Lab	11.8879, 27.6287, -52.3223




Details

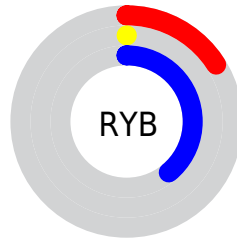
The YUV color **24.2460, 37.3467, 14.6933** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.7540, -37.3467, -14.6933**, and the grayscale version is **24.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **75.6700, 37.6307, 16.9524**, and **5.9280, 22.7135, -5.1989** is the 20% darker color. If you saturate the color by 10%, you get **23.3600, 37.7835, 14.5933**, and if you desaturate by 10%, it is **31.9100, 33.5684, 13.2339**.

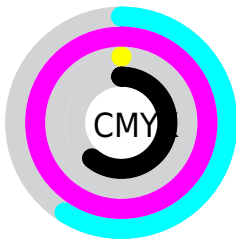
Distribution







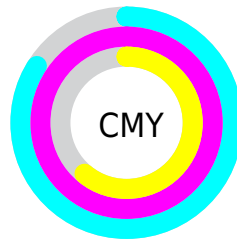
-  Red (16%)
-  Green (0%)
-  Blue (39%)






-  Red (16%)
-  Yellow (0%)
-  Blue (39%)



-  Cyan (59%)
-  Magenta (99%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (84%)
-  Magenta (100%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.2460, 37.3467, 14.6933 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 YUV color 24.2460, 37.3467, 14.6933 by changing the saturation by 10% instead.

■ 24.2460, 37.3467,
14.6933

■ 24.2460, 37.3467,
14.6933

■ 243.8470, 5.4984,
9.7812

■ 12.8500, 31.1329,
1.0086

■ 75.6700, 37.6307,
16.9524

■ 5.9280, 22.7135,
-5.1989

■ 101.4960, 38.2095,
17.9820

■ 4.5940, 12.5252,
-4.0289

■ 127.7350, 39.0776,
19.5264


■ 0.0000, 0.0000,
0.0000


■ 154.0880, 40.3826,
20.9708


■ 180.4750, 36.7408,
22.3854


■ 204.9950, 24.6525,


26.3144


 227.4110, 13.6014,
24.1956


 24.2460, 37.3467,
14.6933


 24.2460, 37.3467,
14.6933


 23.3600, 37.7835,
14.5933

 31.9100, 33.5684,
13.2339

 39.5740, 29.7900,
11.7746

 47.2380, 26.0117,
10.3153

 54.9020, 22.2333,
8.8559

 62.5660, 18.4550,
7.3966

■ 70.2300, 14.6766,
5.9373

■ 77.8940, 10.8983,
4.4780

■ 85.5580, 7.1199,
3.0186

■ 93.2220, 3.3416,
1.5593

Harmonies

Analogous

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



34.3390, 42.7239, -30.1153



24.2460, 37.3467, 14.6933



33.6790, 13.9623, 48.5165

Triad

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



24.2460, 37.3467, 14.6933



28.5170, -14.0589, 29.3646



32.3600, 7.2175, -28.3797

Complementary

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



24.2460, 37.3467, 14.6933



76.7540, -37.3467, -14.6933

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.



26.4150, -13.0226, -23.1660



24.2460, 37.3467, 14.6933



28.3190, -13.9613, -2.0338

Square

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



24.2460, 37.3467, 14.6933



26.3120, -12.9718, 54.1004



25.2410, -12.4438, -22.1364



38.3220, 24.9843, -33.6084

Rectangle

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



24.2460, 37.3467, 14.6933



33.3630, -0.1790, 57.5636



25.2410, -12.4438, -22.1364



30.5360, 0.2288, -26.7801

Sweetspot

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



24.2460, 37.3467, 14.6933



100.2300, 14.6766, 5.9373



46.9190, 26.1689, -40.2710



47.7260, 9.0091, 3.7483



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2460, 37.3467, 14.6933



30.6670, 48.9712, 19.5860



38.8970, 30.1238, 44.8173



47.1680, 1.8892, 0.7297



26.8640, 43.4510, 16.7823



56.8900, 91.2592, 36.0535

Inverse Universe

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



37.3270, 11.1778, 54.9642



47.7620, 14.9073, 72.1227



62.1030, -30.1238, -44.8173



47.8370, 0.5734, 2.7740



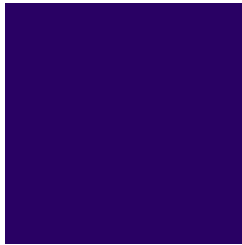
42.1370, 12.7505, 63.9009



88.7740, 27.2264, 134.3792

Previews

White Background



This preview shows how the YUV color 24.2460, 37.3467, 14.6933 looks on a white background.

Color Contrast Check

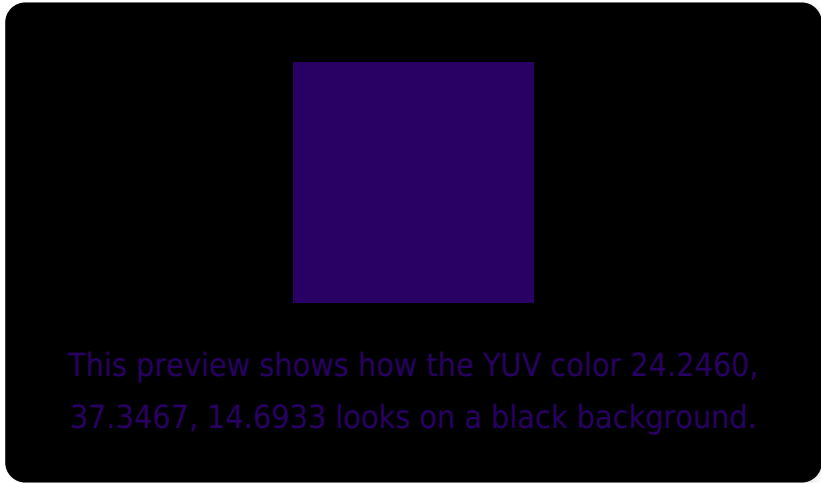
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

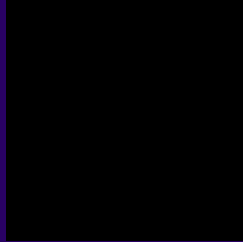
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.2460, 37.3467, 14.6933

Background



This preview shows how black text looks on a background with the YUV color 24.2460, 37.3467, 14.6933.



This preview shows how white text looks on a background with the YUV color 24.2460, 37.3467,

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

24.2460, 37.3467, 14.6933

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.7870, 16.3740, -25.2462



Tritanopia

32.1660, 4.8482, -15.0546

Trichromacy



Original Color

24.2460, 37.3467, 14.6933

Protanomaly

26.7470, 27.2397, -10.3021

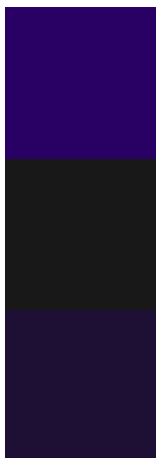
Deuteranomaly

27.2370, 24.0402, -10.7318

Tritanomaly

29.0330, 16.7457, -4.4139

Monochromacy



Original Color

24.2460, 37.3467, 14.6933

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.2900, 13.6610, 5.0077

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.2460, 37.3467, 14.6933 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(41, 1, 100)` looks like.

```
.text, #text, p{  
  color:rgb(41, 1, 100)  
}
```

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(41, 1, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 1, 100) }
```

Border

The CSS property to change the border of an element to YUV 24.2460, 37.3467, 14.6933 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(41, 1, 100) }
```


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

```
.border{ border-color:rgb(41, 1, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 1, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 1, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 1, 100);  
box-shadow:4px 4px 4px 4px rgb(41, 1, 100)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.2460, 37.3467, 14.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 1, 100) }
```

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

```
.background{ background-color: rgb(41, 1,  
100) }
```

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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