

Converting Colors

YUV(40.2480, 24.0347, -8.9875)

Have a look what the booklet for
YUV(40.2480, 24.0347, -8.9875)
contains.

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Color

**YUV(40.2480, 24.0347,
-8.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2459
RGB	30, 36, 89
RGB Percent	12%, 14%, 35%
CMY	0.8824, 0.8588, 0.6510
CMYK	0.66, 0.60, 0.00, 0.65
HSL	234°, 50%, 23%
HSV	234°, 66%, 35%
XYZ	2.9695, 2.2590, 9.7307
YIQ	40.2480, -20.5890, 15.2110

Conversions

Conversions Part 2

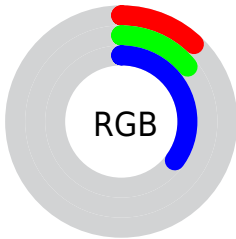
Format	Color
R_{YB}	30, 35, 89
Decimal	1975385
CIE _{Lab}	16.79, 16.13, -32.88
CIE _{LCh}	17, 36.625, 296.135
Yxy	2.2590, 0.1985, 0.1510
Android (android.graphics.Color)	4280165465 (0xFF1E2459)
YUV	40.2480, 24.0347, -8.9875
Hunter-Lab	15.0301, 8.9632, -27.8642




Details

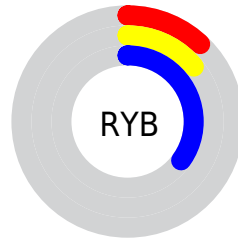
The YUV color **40.2480, 24.0347, -8.9875** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **78.7520, -24.0347, 8.9875**, and the grayscale version is **40.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **87.1390, 26.0605, -5.3839**, and **5.4890, 18.4929, -4.8139** is the 20% darker color. If you saturate the color by 10%, you get **32.8610, 27.6765, -10.4021**, and if you desaturate by 10%, it is **47.6350, 20.3929, -7.5729**.

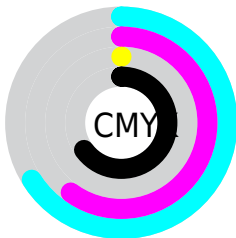
Distribution







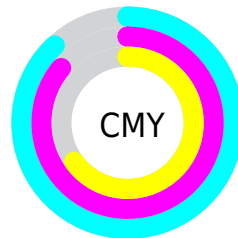
-  Red (12%)
-  Green (14%)
-  Blue (35%)






-  Red (12%)
-  Yellow (14%)
-  Blue (35%)



-  Cyan (66%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (88%)
-  Magenta (86%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.2480, 24.0347, -8.9875 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 40.2480, 24.0347, -8.9875 by changing the saturation by 10% instead.

■ 40.2480, 24.0347,
-8.9875

■ 40.2480, 24.0347,
-8.9875

■ 255.0000, 0.0000,
0.0000

■ 16.8020, 23.7616,
-14.7354

■ 87.1390, 26.0605,
-5.3839

■ 5.4890, 18.4929,
-4.8139

■ 111.9650, 26.6393,
-4.3543

■ 2.9810, 8.8834,
-2.6143

■ 138.1930, 27.5129,
-4.5543

■ 0.0000, 0.0000,
0.0000

■ 164.7200, 28.2390,
-4.1394

■ 191.5460, 28.8178,
-3.1098

■ 216.9240, 18.7715,

-0.8103

242.0310, 6.3937,
2.6038

40.2480, 24.0347,
-8.9875

40.2480, 24.0347,
-8.9875

32.8610, 27.6765,
-10.4021

47.6350, 20.3929,
-7.5729

25.4740, 31.3183,
-11.8167

55.0220, 16.7512,
-6.1583

18.0870, 34.9601,
-13.2313

62.4090, 13.1094,
-4.7437

15.4290, 36.2705,
-13.5312

69.7960, 9.4676,
-3.3291

77.1830, 5.8258,
-1.9145

■ 84.2710, 2.3314,
-1.1147

■ 91.6580, -1.3104,
0.2999

■ 99.0450, -4.9522,
1.7145

■ 106.4320, -8.5940,
3.1291

Harmonies

Analogous

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



37.7180, 27.7470, -33.0787



40.2480, 24.0347, -8.9875



41.0520, 14.7644, 24.5104

Triad

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



40.2480, 24.0347, -8.9875



38.2740, -18.8691, 32.2087



34.7420, 1.1132, -30.4687

Complementary

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



40.2480, 24.0347, -8.9875



78.7520, -24.0347, 8.9875

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.



30.8490, -11.2646, -27.0546



40.2480, 24.0347, -8.9875



39.3380, -19.3936, 13.7356

Square

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



40.2480, 24.0347, -8.9875



34.7390, -7.2663, 44.0789



36.8580, -18.1710, -5.1375



38.4070, 12.6173, -33.6829

Rectangle

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



40.2480, 24.0347, -8.9875



36.3590, 9.1900, 39.1502



36.8580, -18.1710, -5.1375



33.7160, -2.8180, -29.5689

Sweetspot

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



40.2480, 24.0347, -8.9875



95.7960, 9.4676, -3.3291



70.5610, 5.6394, -35.5720



47.1830, 5.8258, -1.9145



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



40.2480, 24.0347, -8.9875



38.7710, 37.5809, -13.8312



43.6030, 22.3807, 8.2412



39.4560, 1.7472, -0.3999



18.6550, 43.5541, -16.3604



40.8780, 95.7021, -35.8500

Inverse Universe

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



48.3250, -6.0762, 35.6720



51.5340, -9.6303, 55.6597



75.3970, -22.3807, -8.2412



40.1960, -0.5896, 2.4591



33.2470, -10.9678, 64.6814



73.0010, -24.1575, 142.0731

Previews

White Background



This preview shows how the YUV color 40.2480, 24.0347, -8.9875 looks on a white background.

Color Contrast Check

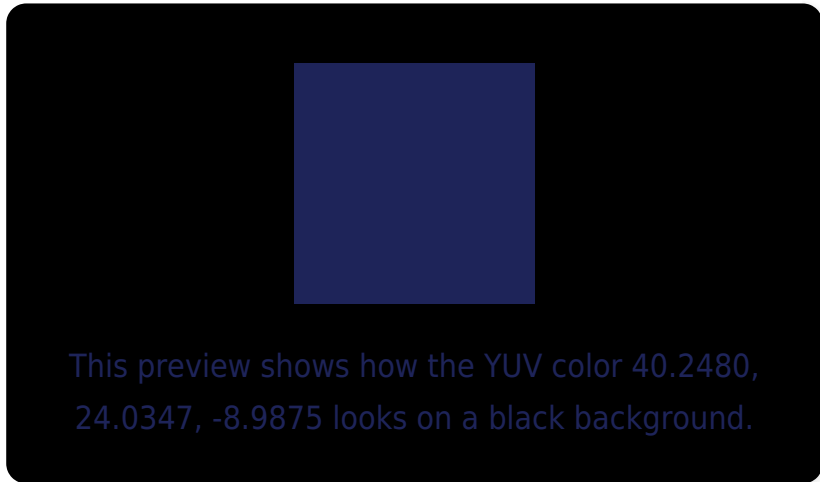
Large Text (above 18pt) WCAG AA ✓ Pass

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

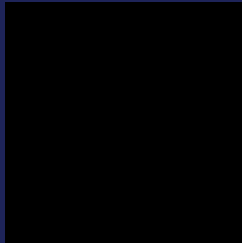
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.2480, 24.0347, -8.9875

Background



This preview shows how black text looks on a background with the YUV color 40.2480, 24.0347, -8.9875.



This preview shows how white text looks on a background with the YUV color 40.2480, 24.0347,

-8.9875.

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

40.2480, 24.0347, -8.9875

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

33.6770, 19.8792, -29.5347



Tritanopia

32.7020, 8.5279, -28.6797

Trichromacy



Original Color

40.2480, 24.0347, -8.9875

Protanomaly

35.9860, 24.6569, -21.9127

Deuteranomaly

35.7750, 21.3099, -21.7277

Tritanomaly

35.2390, 14.1792, -21.2576

Monochromacy



Original Color

40.2480, 24.0347, -8.9875

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.2690, 8.7414, -3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.2480, 24.0347, -8.9875 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(30, 36, 89)` looks like.

```
.text, #text, p{  
    color:rgb(30, 36, 89)  
}
```

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(30, 36, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 36, 89) }
```

Border

The CSS property to change the border of an element to YUV 40.2480, 24.0347, -8.9875 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(30, 36, 89) }
```


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

```
.border{ border-color:rgb(30, 36, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 36, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 36, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 36, 89);  
box-shadow:4px 4px 4px 4px rgb(30, 36, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.2480, 24.0347, -8.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 36, 89) }
```

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

```
.background{ background-color: rgb(30, 36,  
89) }
```

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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