

Converting Colors

YUV(72.2440, 50.1657,
-37.0480)

Have a look what the booklet for
YUV(72.2440, 50.1657, -37.0480)
contains.

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Color

**YUV(72.2440, 50.1657,
-37.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4AAE
RGB	30, 74, 174
RGB Percent	12%, 29%, 68%
CMY	0.8824, 0.7098, 0.3176
CMYK	0.83, 0.57, 0.00, 0.32
HSL	222°, 71%, 40%
HSV	222°, 83%, 68%
XYZ	10.6242, 8.2296, 41.0729
YIQ	72.2440, -58.3240, 21.7720

Conversions

Conversions Part 2

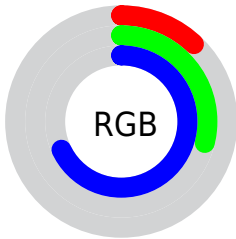
Format	Color
RYB	30, 64, 174
Decimal	1985198
CIELab	34.46, 23.37, -57.52
CIELCh	34, 62.082, 292.113
Yxy	8.2296, 0.1773, 0.1373
Android (android.graphics.Color)	4280175278 (0xFF1E4AAE)
YUV	72.2440, 50.1657, -37.0480
Hunter-Lab	28.6872, 15.9040, -64.8073

Details

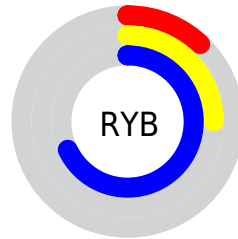
The YUV color **72.2440, 50.1657, -37.0480** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **131.7560, -50.1657, 37.0480**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7340, 50.4171, -24.3227**, and **32.4640, 43.1552, -28.4709** is the 20% darker color. If you saturate the color by 10%, you get **60.1170, 56.1443, -41.3216**, and if you desaturate by 10%, it is **84.3710, 44.1871, -32.7744**.

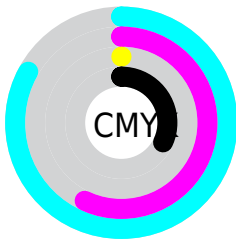
Distribution



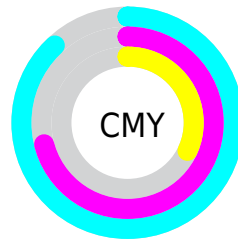
- Red (12%)
- Green (29%)
- Blue (68%)



- Red (12%)
- Yellow (25%)
- Blue (68%)



- Cyan (83%)
- Magenta (57%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (71%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2440, 50.1657, -37.0480 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 72.2440, 50.1657, -37.0480 by changing the saturation by 10% instead.

■ 72.2440, 50.1657,
-37.0480

■ 72.2440, 50.1657,
-37.0480

■ 255.0000, 0.0000,
0.0000

■ 47.2820, 49.1610,
-41.4663

■ 127.7340, 50.4171,
-24.3227

■ 32.4640, 43.1552,
-28.4709

■ 154.8160, 49.3907,
-21.7636

■ 17.8740, 38.0231,
-15.6755

■ 179.0480, 37.4443,
-16.7051

■ 12.6760, 28.2607,
-11.1169

■ 204.1550, 25.0666,
-13.2909

■ 7.7060, 19.3719,
-6.7582

■ 229.5610, 12.5414,
-9.2620

■ 3.4370, 10.6306,
-3.0142

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 72.2440, 50.1657,
-37.0480

■ 72.2440, 50.1657,
-37.0480

■ 60.1170, 56.1443,
-41.3216

■ 84.3710, 44.1871,
-32.7744

■ 50.9470, 60.6651,
-44.6805

■ 96.7970, 38.0611,
-27.8860

■ 108.9240, 32.0825,
-23.6123

■ 121.3500, 25.9565,
-18.7239

■ 133.4770, 19.9778,
-14.4503

■ 146.1910, 13.7098,
-10.6915

■ 158.6170, 7.5838,
-5.8031

■ 170.7440, 1.6052,
-1.5295

■ 183.1700, -4.5208,
3.3589

Harmonies

Analogous

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



73.9370, 52.2891, -64.8427



72.2440, 50.1657, -37.0480



80.3910, 30.8662, 39.9991

Triad

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



72.2440, 50.1657, -37.0480



72.7050, -35.8436, 63.4027



66.8110, -0.3998, -58.5932

Complementary

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



72.2440, 50.1657, -37.0480



131.7560, -50.1657, 37.0480

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.



57.7370, -25.0133, -50.6353



72.2440, 50.1657, -37.0480



76.6270, -37.7771, 30.1451

Square

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



72.2440, 50.1657, -37.0480



59.4920, -5.6656, 90.7765



71.6780, -35.3373, -5.8566



73.2120, 21.5875, -64.2069

Rectangle

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



72.2440, 50.1657, -37.0480



67.7220, 22.3221, 73.9118



71.6780, -35.3373, -5.8566



64.1720, -7.9728, -56.2788

Sweetspot

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



72.2440, 50.1657, -37.0480



187.0640, 19.6884, -14.9651



125.7000, 1.1339, -83.9289



90.4470, 12.1046, -9.1620



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



72.2440, 50.1657, -37.0480



68.1530, 78.3116, -58.0162



54.1900, 59.0663, 1.5874



80.7870, 3.0630, -2.4442



44.1020, 52.2077, -38.6775



6.7310, 8.0206, -5.9031

Inverse Universe

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



78.0720, -2.0075, 84.1289



77.1410, -3.0275, 131.4263



149.8100, -59.0663, -1.5874



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 72.2440, 50.1657, -37.0480 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



This preview shows how the YUV color 72.2440, 50.1657, -37.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

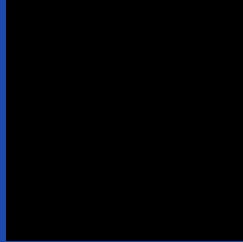
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2440, 50.1657, -37.0480

Background



This preview shows how black text looks on a background with the YUV color 72.2440, 50.1657, -37.0480.



This preview shows how white text looks on a background with the YUV color 72.2440, 50.1657,

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

72.2440, 50.1657, -37.0480

Protanopia

64.5960, 49.4992, -56.6507

Deuteranopia

64.9090, 38.0059, -56.9252



Tritanopia

63.6600, 15.4506, -55.8298

Trichromacy



Original Color

72.2440, 50.1657, -37.0480

Protanomaly

67.6400, 49.4775, -49.6733

Deuteranomaly

67.8050, 42.4941, -49.8180

Tritanomaly

66.7330, 28.2326, -48.8778

Monochromacy



Original Color

72.2440, 50.1657, -37.0480

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3200, 18.0832, -13.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2440, 50.1657, -37.0480 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, 74, 174)` looks like.

```
.text, #text, p{  
    color:rgb(30, 74, 174)  
}
```

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, 74, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 74, 174) }
```

Border

The CSS property to change the border of an element to YUV 72.2440, 50.1657, -37.0480 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, 74, 174) }
```


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

```
.border{ border-color:rgb(30, 74, 174) }
```

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

Here you see how a box with a 4 pixel rgb(30, 74, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 74, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 74, 174);  
box-shadow:4px 4px 4px 4px rgb(30, 74,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 72.2440, 50.1657, -37.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 74, 174) }
```

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

```
.background{ background-color: rgb(30, 74,  
174) }
```

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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