

Converting Colors

YUV(72.9710, 40.9333,
-15.7606)

Have a look what the booklet for
YUV(72.9710, 40.9333, -15.7606)
contains.

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Color

**YUV(72.9710, 40.9333,
-15.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	37429C
RGB	55, 66, 156
RGB Percent	22%, 26%, 61%
CMY	0.7843, 0.7412, 0.3882
CMYK	0.65, 0.58, 0.00, 0.39
HSL	233°, 48%, 41%
HSV	233°, 65%, 61%
XYZ	9.5245, 7.1090, 32.3227
YIQ	72.9710, -35.4460, 25.6580

Conversions

Conversions Part 2

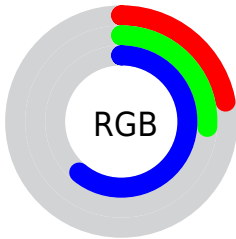
Format	Color
R_{YB}	55, 65, 156
Decimal	3621532
CIE _{Lab}	32.05, 25.11, -50.57
CIE _{LCh}	32, 56.459, 296.410
Yxy	7.1090, 0.1946, 0.1452
Android (android.graphics.Color)	4281811612 (0xFF37429C)
YUV	72.9710, 40.9333, -15.7606
Hunter-Lab	26.6626, 17.1048, -53.2125

Details

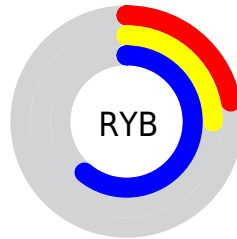
The YUV color **72.9710, 40.9333, -15.7606** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **138.0290, -40.9333, 15.7606**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7590, 42.5168, -10.3126**, and **25.9440, 38.4816, -22.7529** is the 20% darker color. If you saturate the color by 10%, you get **59.9690, 47.3433, -18.3898**, and if you desaturate by 10%, it is **85.9730, 34.5233, -13.1313**.

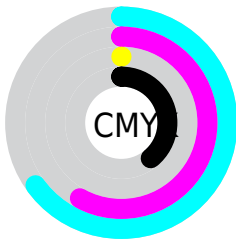
Distribution



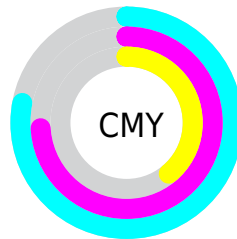
- Red (22%)
- Green (26%)
- Blue (61%)



- Red (22%)
- Yellow (25%)
- Blue (61%)



- Cyan (65%)
- Magenta (58%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (74%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.9710, 40.9333, -15.7606 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 72.9710, 40.9333, -15.7606 by changing the saturation by 10% instead.

■ 72.9710, 40.9333,
-15.7606

■ 72.9710, 40.9333,
-15.7606

■ 255.0000, 0.0000,
0.0000

■ 45.9160, 40.9604,
-24.4823

■ 124.7590, 42.5168,
-10.3126

■ 25.9440, 38.4816,
-22.7529

■ 151.1120, 43.8218,
-8.8682

■ 9.0060, 34.5070,
-7.8983

■ 177.0430, 38.4328,
-7.0537

■ 9.2050, 22.5769,
-8.0728

■ 201.5630, 26.3444,
-3.1248

■ 4.9360, 13.8356,
-4.3289

■ 226.6700, 13.9667,
0.2894

■ 0.6840, 2.6208,
-0.5999

■ 251.4780, 1.7363,

■ 0.0000, 0.0000,

3.0888

0.0000

■ 72.9710, 40.9333,
-15.7606

■ 72.9710, 40.9333,
-15.7606

■ 59.9690, 47.3433,
-18.3898

■ 85.9730, 34.5233,
-13.1313

■ 47.2660, 53.6059,
-20.4043

■ 98.6760, 28.2607,
-11.1169

■ 34.2640, 60.0158,
-23.0335

■ 111.6780, 21.8507,
-8.4876

■ 27.7630, 63.2208,
-24.3482

■ 124.3810, 15.5882,
-6.4731

■ 137.3830, 9.1782,
-3.8439

■ 149.7980, 3.0576,
-0.6998

■ 162.5010, -3.2050,
1.3146

■ 175.5030, -9.6150,
3.9439

■ 188.2060,
-15.8776, 5.9583

Harmonies

Analogous

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



67.5310, 48.0522, -59.2247



72.9710, 40.9333, -15.7606



74.2080, 25.0405, 41.9136

Triad

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



72.9710, 40.9333, -15.7606



69.3940, -34.2112, 53.1515



63.0440, 2.9363, -55.2896

Complementary

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



72.9710, 40.9333, -15.7606



138.0290, -40.9333, 15.7606

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.



55.6970, -17.5986, -48.8463



72.9710, 40.9333, -15.7606



71.5660, -35.2820, 23.1826

Square

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



72.9710, 40.9333, -15.7606



62.4980, -11.5845, 75.8623



65.7530, -32.4162, -9.4304



68.1740, 22.5922, -59.7886

Rectangle

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



72.9710, 40.9333, -15.7606



64.4950, 16.5180, 68.8489



65.7530, -32.4162, -9.4304



60.6330, -3.7631, -53.1751

Sweetspot

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



72.9710, 40.9333, -15.7606



171.7940, 15.8776, -5.9583



124.4330, 9.6465, -60.8927



82.7960, 9.4676, -3.3291



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



72.9710, 40.9333, -15.7606



73.1050, 64.5312, -24.6481



78.1750, 38.3677, 13.8785



72.4990, 3.2050, -1.3146



25.6940, 57.8319, -22.5336



2.8840, 5.9732, -2.5293

Inverse Universe

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



86.4530, -10.0833, 60.9927



94.4790, -16.0121, 96.0499



132.8250, -38.3677, -13.8785



73.5060, -0.7425, 4.8182



44.5810, -14.0904, 86.3135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 72.9710, 40.9333, -15.7606 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 72.9710, 40.9333, -15.7606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

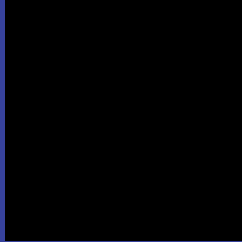
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9710, 40.9333, -15.7606

Background



This preview shows how black text looks on a background with the YUV color 72.9710, 40.9333, -15.7606.



This preview shows how white text looks on a background with the YUV color 72.9710, 40.9333,

-15.7606.

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

72.9710, 40.9333, -15.7606

Protanopia

59.8200, 46.4307, -52.4621

Deuteranopia

60.3610, 35.8110, -52.9366



Tritanopia

59.5680, 15.0030, -52.2411

Trichromacy



Original Color

72.9710, 40.9333, -15.7606

Protanomaly

64.7400, 44.4982, -39.2370

Deuteranomaly

64.9050, 37.5148, -39.3817

Tritanomaly

64.1750, 24.5637, -38.7415

Monochromacy



Original Color

72.9710, 40.9333, -15.7606

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5660, 15.0040, -5.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9710, 40.9333, -15.7606 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(55, 66, 156)` looks like.

```
.text, #text, p{  
    color:rgb(55, 66, 156)  
}
```

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(55, 66, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 66, 156) }
```

Border

The CSS property to change the border of an element to YUV 72.9710, 40.9333, -15.7606 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(55, 66, 156) }
```


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

```
.border{ border-color:rgb(55, 66, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 66, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 66, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 66, 156);  
box-shadow:4px 4px 4px 4px rgb(55, 66,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 72.9710, 40.9333, -15.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 66, 156) }
```

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

```
.background{ background-color: rgb(55, 66,  
156) }
```

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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