

Converting Colors

YUV(55.6730, 39.6012, -8.4832)

Have a look what the booklet for
YUV(55.6730, 39.6012, -8.4832)
contains.

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Color

**YUV(55.6730, 39.6012,
-8.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2D88
RGB	46, 45, 136
RGB Percent	18%, 18%, 53%
CMY	0.8196, 0.8235, 0.4667
CMYK	0.66, 0.67, 0.00, 0.47
HSL	241°, 50%, 35%
HSV	241°, 67%, 53%
XYZ	6.5090, 4.2352, 23.7670
YIQ	55.6730, -28.6150, 28.5130

Conversions

Conversions Part 2

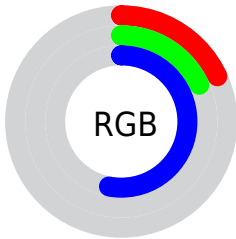
Format	Color
R_{YB}	46, 45, 136
Decimal	3026312
CIE _{Lab}	24.43, 30.28, -50.71
CIE _{LCh}	24, 59.059, 300.843
Yxy	4.2352, 0.1886, 0.1227
Android (android.graphics.Color)	4281216392 (0xFF2E2D88)
YUV	55.6730, 39.6012, -8.4832
Hunter-Lab	20.5796, 20.4428, -54.0672

Details

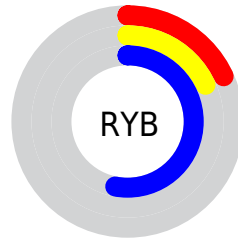
The YUV color **55.6730, 39.6012, -8.4832** is a dark color, and the websafe version is hex **333399**, and the color name is **cosmic cobalt**. A complement of this color would be **125.3270, -39.6012, 8.4832**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8740, 41.4741, -2.5205**, and **10.8640, 36.5490, -9.5277** is the 20% darker color. If you saturate the color by 10%, you get **43.5680, 45.5690, -9.2681**, and if you desaturate by 10%, it is **67.7780, 33.6334, -7.6983**.

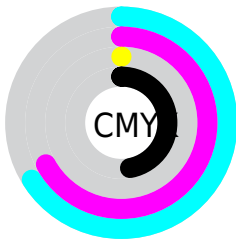
Distribution



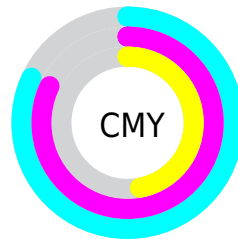
- Red (18%)
- Green (18%)
- Blue (53%)



- Red (18%)
- Yellow (18%)
- Blue (53%)



- Cyan (66%)
- Magenta (67%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (82%)
- Yellow (47%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6730, 39.6012, -8.4832 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 55.6730, 39.6012, -8.4832 by changing the saturation by 10% instead.

■ 55.6730, 39.6012,
-8.4832

■ 55.6730, 39.6012,
-8.4832

■ 255.0000, 0.0000,
0.0000

■ 28.1230, 40.3654,
-20.2789

■ 105.8740, 41.4741,
-2.5205

■ 10.8640, 36.5490,
-9.5277

■ 132.1130, 42.3423,
-0.9761

■ 7.5410, 26.3553,
-6.6135

■ 159.0530, 43.3579,
-0.0465

■ 6.0930, 15.7302,
-5.3436

■ 183.5990, 35.2007,
2.9827

■ 2.2970, 6.2626,
-2.0145

■ 208.1190, 23.1123,
6.9116

■ 0.0000, 0.0000,
0.0000

■ 233.5250, 10.5872,

10.9406

253.2390, 0.8682,
1.5444

55.6730, 39.6012,
-8.4832

55.6730, 39.6012,
-8.4832

43.5680, 45.5690,
-9.2681

67.7780, 33.6334,
-7.6983

31.7510, 51.3948,
-11.1826

79.5950, 27.8077,
-5.7838

19.6460, 57.3625,
-11.9675

91.7000, 21.8399,
-4.9989

15.8030, 59.2571,
-12.9822

103.5170, 16.0141,
-3.0844

115.6220, 10.0464,
-2.2995

■ 128.0260, 3.9312,
-0.8998

■ 139.5440, -1.7472,
0.3999

■ 151.9480, -7.8624,
1.7996

■ 163.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



54.5540, 46.5619, -47.8439



55.6730, 39.6012, -8.4832



44.2190, 28.4860, 56.8129

Triad

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



55.6730, 39.6012, -8.4832



52.5270, -25.8958, 46.0188



50.6370, 3.6300, -44.4086

Complementary

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



55.6730, 39.6012, -8.4832



125.3270, -39.6012, 8.4832

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.



43.6490, -18.0680, -38.2802



55.6730, 39.6012, -8.4832



54.6880, -26.9612, 14.3056

Square

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



55.6730, 39.6012, -8.4832



39.6830, -12.1687, 76.5770



46.7930, -23.0689, -20.8665



55.7670, 23.2859, -48.9077

Rectangle

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



55.6730, 39.6012, -8.4832



46.4090, 13.6024, 70.6783



46.7930, -23.0689, -20.8665



48.2260, -3.0694, -42.2942

Sweetspot

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



55.6730, 39.6012, -8.4832



144.9900, 15.2879, -3.4992



108.7910, 13.4140, -55.9447



70.3940, 9.1728, -2.0995



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



55.6730, 39.6012, -8.4832



51.6720, 61.2937, -12.8673



69.1280, 32.9679, 19.1817



62.7980, 3.0576, -0.6998



15.4610, 57.9467, -12.6823



0.5700, 2.1840, -0.4999

Inverse Universe

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



82.4690, 25.8978, 46.9467



93.0050, 39.9305, 72.7866



112.1710, -33.1153, -18.5670



64.8910, 2.0257, 3.6036



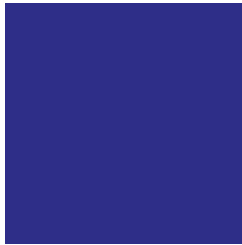
54.7010, 37.6154, 68.6682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 55.6730, 39.6012, -8.4832 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 55.6730, 39.6012, -8.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

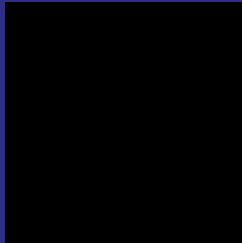
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6730, 39.6012, -8.4832

Background



This preview shows how black text looks on a background with the YUV color 55.6730, 39.6012, -8.4832.



This preview shows how white text looks on a background with the YUV color 55.6730, 39.6012,

-8.4832.

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

55.6730, 39.6012, -8.4832

Protanopia

46.4380, 35.7731, -40.7261

Deuteranopia

46.8480, 27.1899, -41.0857



Tritanopia

46.0210, 11.3286, -40.3604

Trichromacy



Original Color

55.6730, 39.6012, -8.4832

Protanomaly

49.8570, 37.0455, -28.8156

Deuteranomaly

50.3640, 31.3725, -29.2602

Tritanomaly

49.7310, 21.3316, -28.7051

Monochromacy



Original Color

55.6730, 39.6012, -8.4832

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7620, 14.4143, -3.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6730, 39.6012, -8.4832 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(46, 45, 136)` looks like.

```
.text, #text, p{  
    color:rgb(46, 45, 136)  
}
```

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(46, 45, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 45, 136) }
```

Border

The CSS property to change the border of an element to YUV 55.6730, 39.6012, -8.4832 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(46, 45, 136) }
```


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

```
.border{ border-color:rgb(46, 45, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 45, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 45, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 45, 136);  
box-shadow:4px 4px 4px 4px rgb(46, 45,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 55.6730, 39.6012, -8.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 45, 136) }
```

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

```
.background{ background-color: rgb(46, 45,  
136) }
```

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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