

Converting Colors

YUV(36.9730, 51.2853,
-22.7783)

Have a look what the booklet for
YUV(36.9730, 51.2853, -22.7783)
contains.

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Color

**YUV(36.9730, 51.2853,
-22.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	0B1E8D
RGB	11, 30, 141
RGB Percent	4%, 12%, 55%
CMY	0.9569, 0.8824, 0.4471
CMYK	0.92, 0.79, 0.00, 0.45
HSL	231°, 86%, 30%
HSV	231°, 92%, 55%
XYZ	5.4100, 2.9228, 25.4783
YIQ	36.9730, -46.9550, 30.4930

Conversions

Conversions Part 2

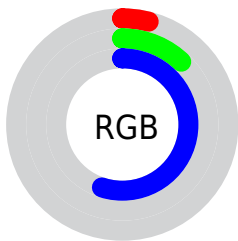
Format	Color
RYB	11, 28, 141
Decimal	728717
CIELab	19.73, 38.32, -61.64
CIElCh	20, 72.577, 301.867
Yxy	2.9228, 0.1600, 0.0864
Android (android.graphics.Color)	4278918797 (0xFF0B1E8D)
YUV	36.9730, 51.2853, -22.7783
Hunter-Lab	17.0961, 26.5673, -76.3924

Details

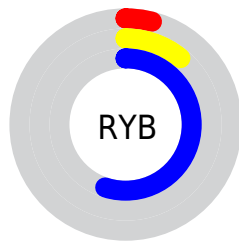
The YUV color **36.9730, 51.2853, -22.7783** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **115.0270, -51.2853, 22.7783**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.3820, 51.0837, -4.7200**, and **10.2600, 39.3118, -8.9980** is the 20% darker color. If you saturate the color by 10%, you get **28.4010, 55.5113, -24.9077**, and if you desaturate by 10%, it is **48.2030, 45.7489, -20.3490**.

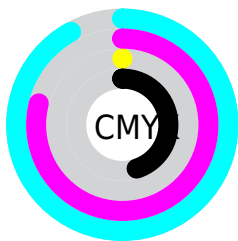
Distribution



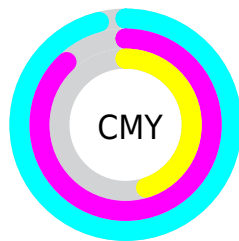
- Red (4%)
- Green (12%)
- Blue (55%)



- Red (4%)
- Yellow (11%)
- Blue (55%)



- Cyan (92%)
- Magenta (79%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (88%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9730, 51.2853, -22.7783 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 36.9730, 51.2853, -22.7783 by changing the saturation by 10% instead.

■ 36.9730, 51.2853,
-22.7783

■ 36.9730, 51.2853,
-22.7783

■ 255.0000, 0.0000,
0.0000

■ 18.3930, 47.6273,
-16.1307

■ 92.3820, 51.0837,
-4.7200

■ 10.2600, 39.3118,
-8.9980

■ 119.2190, 51.6570,
-1.9461

■ 11.5190, 26.3661,
-10.1022

■ 145.8710, 52.8146,
0.1131

■ 6.5490, 17.4773,
-5.7435

■ 170.0320, 41.8892,
4.3569

■ 2.8670, 8.4466,
-2.5144

■ 194.5520, 29.8009,
8.2859

■ 0.0000, 0.0000,
0.0000

■ 219.9580, 17.2757,

12.3148

■ 242.6730, 6.0772,
10.8108

■ 36.9730, 51.2853,
-22.7783

■ 36.9730, 51.2853,
-22.7783

■ 28.4010, 55.5113,
-24.9077

■ 48.2030, 45.7489,
-20.3490

■ 59.4330, 40.2125,
-17.9197

■ 70.6630, 34.6761,
-15.4905

■ 81.8930, 29.1398,
-13.0612

■ 93.4220, 23.4560,
-10.0171

■ 104.6520, 17.9196,
-7.5878

■ 115.8820, 12.3832,
-5.1585

■ 127.1120, 6.8468,
-2.7292

■ 138.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



51.4710, 52.5188, -45.1401



36.9730, 51.2853, -22.7783



43.5780, 27.3230, 56.4981

Triad

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



36.9730, 51.2853, -22.7783



38.9820, -19.2181, 50.8818



43.8550, 3.0295, -38.4608

Complementary

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



36.9730, 51.2853, -22.7783



115.0270, -51.2853, 22.7783

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.



36.9810, -18.2316, -32.4323



36.9730, 51.2853, -22.7783



45.2190, -22.2930, 10.3319

Square

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



36.9730, 51.2853, -22.7783



37.0760, -18.2785, 76.2323



34.6330, -17.0741, -30.3731



50.5980, 26.3272, -44.3744

Rectangle

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



36.9730, 51.2853, -22.7783



45.3830, 9.6712, 71.5781



34.6330, -17.0741, -30.3731



41.6890, -5.2697, -36.5613

Sweetspot

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



36.9730, 51.2853, -22.7783



142.6240, 20.3984, -9.3172



99.8500, 10.4270, -77.9214



66.8820, 12.3832, -5.1585



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



36.9730, 51.2853, -22.7783



36.8250, 72.5573, -32.2955



39.2750, 50.1504, 14.6678



65.3850, 2.7682, -1.2146



27.1300, 53.1799, -23.7930



1.4990, 3.2050, -1.3146

Inverse Universe

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



52.0360, -10.8637, 78.0214



58.0940, -15.3293, 110.4196



112.7250, -50.1504, -14.6678



66.2070, -0.5951, 4.2035



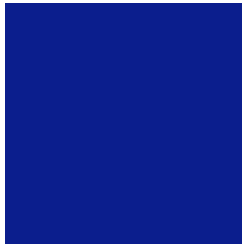
42.6450, -11.1640, 80.9953



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 36.9730, 51.2853, -22.7783 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 36.9730, 51.2853, -22.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

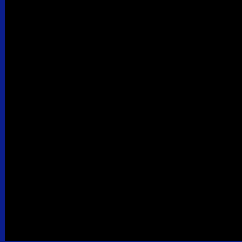
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9730, 51.2853, -22.7783

Background



This preview shows how black text looks on a background with the YUV color 36.9730, 51.2853, -22.7783.



This preview shows how white text looks on a background with the YUV color 36.9730, 51.2853, -22.7783.

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

36.9730, 51.2853, -22.7783

Protanopia

38.8750, 29.6416, -34.0934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

38.1960, 9.2704, -33.4979

Trichromacy



Original Color

36.9730, 51.2853, -22.7783

Protanomaly

38.2590, 37.3403, -30.0451

Deuteranomaly

38.4070, 32.8303, -30.1749

Tritanomaly

37.6430, 24.8260, -29.5049

Monochromacy



Original Color

36.9730, 51.2853, -22.7783

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.8800, 18.7932, -7.7878

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9730, 51.2853, -22.7783 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(11, 30, 141)` looks like.

```
.text, #text, p{  
    color:rgb(11, 30, 141)  
}
```

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(11, 30, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 30, 141) }
```

Border

The CSS property to change the border of an element to YUV 36.9730, 51.2853, -22.7783 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(11, 30, 141) }
```


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

```
.border{ border-color:rgb(11, 30, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 30, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 30, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 30, 141);  
box-shadow:4px 4px 4px 4px rgb(11, 30,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 36.9730, 51.2853, -22.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 30, 141) }
```

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

```
.background{ background-color: rgb(11, 30,  
141) }
```

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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