

Converting Colors

YUV(35.6730, 52.9122,
-31.2852)

Have a look what the booklet for
YUV(35.6730, 52.9122, -31.2852)
contains.

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Color

**YUV(35.6730, 52.9122,
-31.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	00218F
RGB	0, 33, 143
RGB Percent	0%, 13%, 56%
CMY	1.0000, 0.8706, 0.4392
CMYK	1.00, 0.77, 0.00, 0.44
HSL	226°, 100%, 28%
HSV	226°, 100%, 56%
XYZ	5.5018, 3.0709, 26.2894
YIQ	35.6730, -54.9780, 27.2140

Conversions

Conversions Part 2

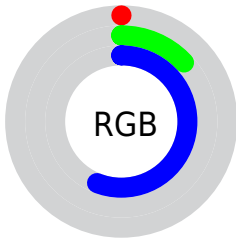
Format	Color
RYB	0, 27, 143
Decimal	8591
CIELab	20.33, 36.84, -61.91
CIELCh	20, 72.040, 300.756
Yxy	3.0709, 0.1578, 0.0881
Android (android.graphics.Color)	4278198671 (0xFF00218F)
YUV	35.6730, 52.9122, -31.2852
Hunter-Lab	17.5239, 25.3746, -76.6800

Details

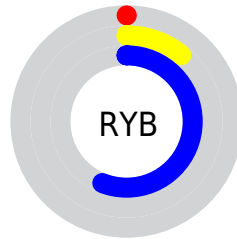
The YUV color **35.6730, 52.9122, -31.2852** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **107.3270, -52.9122, 31.2852**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7730, 51.3839, -7.6939**, and **10.3740, 39.7486, -9.0980** is the 20% darker color. If you saturate the color by 10%, you get **35.6730, 52.9122, -31.2852**, and if you desaturate by 10%, it is **46.3160, 47.6652, -28.3411**.

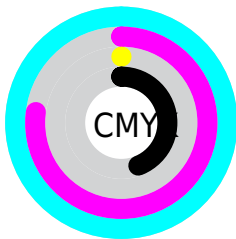
Distribution



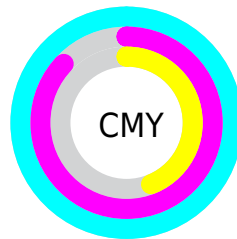
- Red (0%)
- Green (13%)
- Blue (56%)



- Red (0%)
- Yellow (11%)
- Blue (56%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (87%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6730, 52.9122, -31.2852 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 35.6730, 52.9122, -31.2852 by changing the saturation by 10% instead.

■ 35.6730, 52.9122,
-31.2852

■ 35.6730, 52.9122,
-31.2852

■ 255.0000, 0.0000,
0.0000

■ 20.9690, 47.3433,
-18.3898

■ 93.7730, 51.3839,
-7.6939

■ 10.3740, 39.7486,
-9.0980

■ 119.7240, 52.3941,
-5.0199

■ 11.7470, 27.2397,
-10.3021

■ 147.2620, 53.1148,
-2.8608

■ 6.7770, 18.3509,
-5.9434

■ 171.1950, 41.3159,
1.5830

■ 3.0950, 9.3202,
-2.7143

■ 195.7150, 29.2275,
5.5119

■ 0.0000, 0.0000,
0.0000

■ 220.5340, 16.9917,

10.0557

■ 244.4340, 5.2090,
9.2664

■ 35.6730, 52.9122,
-31.2852

■ 46.3160, 47.6652,
-28.3411

■ 57.2580, 42.2708,
-24.7823

■ 67.9010, 37.0238,
-21.8382

■ 78.5440, 31.7768,
-18.8941

■ 89.4860, 26.3824,
-15.3352

■ 100.1290, 21.1354,
-12.3911

■ 110.7720, 15.8884,
-9.4470

■ 121.4150, 10.6414,
-6.5030

■ 132.3570, 5.2470,
-2.9441

Harmonies

Analogous

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



52.1720, 52.6662, -45.7548



35.6730, 52.9122, -31.2852



43.9200, 28.6334, 56.1982

Triad

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



35.6730, 52.9122, -31.2852



39.8790, -19.6603, 52.7261



44.9150, 2.0139, -39.3905

Complementary

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



35.6730, 52.9122, -31.2852



107.3270, -52.9122, 31.2852

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.



37.5680, -18.5210, -32.9471



35.6730, 52.9122, -31.2852



46.1160, -22.7352, 12.1763

Square

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



35.6730, 52.9122, -31.2852



37.6740, -18.5733, 77.4619



35.2200, -17.3635, -30.8879



51.6580, 25.3116, -45.3041

Rectangle

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



35.6730, 52.9122, -31.2852



46.0240, 10.8342, 71.8930



35.2200, -17.3635, -30.8879



42.1620, -5.9959, -36.9761

Sweetspot

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



35.6730, 52.9122, -31.2852



144.0150, 20.6986, -12.2912



96.4810, 6.6649, -84.6138



68.5720, 12.5360, -7.5176



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



35.6730, 52.9122, -31.2852



46.4450, 68.8006, -40.7323



27.6640, 56.8606, 9.0647



65.9720, 2.4788, -1.7294



33.5870, 49.9966, -29.4558



2.0860, 2.9156, -1.8294

Inverse Universe

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



46.5190, -6.6649, 84.6138



60.5160, -8.6354, 110.0495



115.3360, -56.8606, -9.0647



66.3210, -0.1583, 4.1035



43.8990, -6.3592, 79.8956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 35.6730, 52.9122, -31.2852 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 35.6730, 52.9122, -31.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

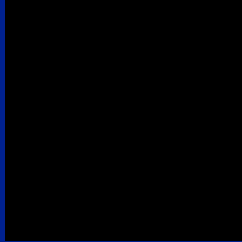
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.6730, 52.9122, -31.2852

Background



This preview shows how black text looks on a background with the YUV color 35.6730, 52.9122, -31.2852.



This preview shows how white text looks on a background with the YUV color 35.6730, 52.9122,

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

35.6730, 52.9122, -31.2852

Protanopia

40.3910, 30.3732, -35.4229

Deuteranopia

40.4420, 22.9531, -35.4676



Tritanopia

39.5980, 9.5652, -34.7274

Trichromacy



Original Color

35.6730, 52.9122, -31.2852

Protanomaly

38.5790, 38.6616, -33.8338

Deuteranomaly

38.6130, 33.7148, -33.8636

Tritanomaly

38.4360, 25.4211, -33.7084

Monochromacy



Original Color

35.6730, 52.9122, -31.2852

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9720, 19.2408, -11.3764

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6730, 52.9122, -31.2852 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(0, 33, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 33, 143)  
}
```

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(0, 33, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 33, 143) }
```

Border

The CSS property to change the border of an element to YUV 35.6730, 52.9122, -31.2852 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(0, 33, 143) }
```


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

```
.border{ border-color:rgb(0, 33, 143) }
```

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

Here you see how a box with a 4 pixel rgb(0, 33, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 33, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 33, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 33, 143)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.6730, 52.9122, -31.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 33, 143) }
```

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

```
.background{ background-color: rgb(0, 33,  
143) }
```

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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