

Converting Colors

YUV(51.4730, -0.7262, -0.4148)

Have a look what the booklet for
YUV(51.4730, -0.7262, -0.4148)
contains.

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Color

**YUV(51.4730, -0.7262,
-0.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	333432
RGB	51, 52, 50
RGB Percent	20%, 20%, 20%
CMY	0.8000, 0.7961, 0.8039
CMYK	0.02, 0.00, 0.04, 0.80
HSL	90°, 2%, 20%
HSV	90°, 4%, 20%
XYZ	3.1690, 3.3901, 3.5049
YIQ	51.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	50, 52, 51
Decimal	3355698
CIE Lab	21.54, -0.90, 1.11
CIE LCh	22, 1.425, 128.961
Yxy	3.3901, 0.3149, 0.3369
Android (android.graphics.Color)	4281545778 (0xFF333432)
YUV	51.4730, -0.7262, -0.4148
Hunter-Lab	18.4122, -1.4993, 1.6021

Details

The YUV color **51.4730, -0.7262, -0.4148** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.5270, 0.7262, 0.4148**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4730, -0.7262, -0.4148**, and **5.3590, -1.1630, -0.3148** is the 20% darker color. If you saturate the color by 10%, you get **50.0060, -2.4680, -1.7593**, and if you desaturate by 10%, it is **52.9400, 1.0156, 0.9296**.

Distribution



Red (20%)

Green (20%)

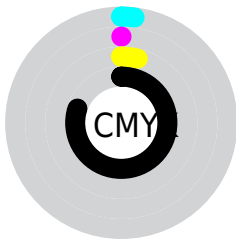
Blue (20%)



Red (20%)

Yellow (20%)

Blue (20%)



Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4730, -0.7262, -0.4148 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 51.4730, -0.7262, -0.4148 by changing the saturation by 10% instead.

■ 51.4730, -0.7262,
-0.4148

■ 51.4730, -0.7262,
-0.4148

255.0000, 0.0000,
0.0000

■ 30.4730, -0.7262,
-0.4148

■ 97.4730, -0.7262,
-0.4148

■ 5.3590, -1.1630,
-0.3148

■ 122.4730, -0.7262,
-0.4148

■ 0.0000, 0.0000,
0.0000

■ 148.4730, -0.7262,
-0.4148

■ 175.0600, -1.0156,
-0.9296

■ 202.4730, -0.7262,
-0.4148

■ 230.4730, -0.7262,

-0.4148

■ 51.4730, -0.7262,
-0.4148

■ 51.4730, -0.7262,
-0.4148

■ 50.0060, -2.4680,
-1.7593

■ 52.9400, 1.0156,
0.9296

■ 48.8380, -4.3571,
-2.4889

■ 54.1080, 2.9048,
1.6593

■ 47.2570, -6.5357,
-3.7334

■ 55.6890, 5.0833,
2.9037

■ 46.0890, -8.4249,
-4.4631

■ 56.8570, 6.9725,
3.6334

■ 44.6220, -10.1666,
-5.8075

■ 58.3240, 8.7143,
4.9779

■ 43.1550, -11.9084,
-7.1519

■ 59.7910, 10.4560,
6.3223

■ 41.9870, -13.7976,
-7.8816

■ 60.9590, 12.3452,
7.0520

■ 40.4060, -15.9762,
-9.1261

■ 62.5400, 14.5238,
8.2964

■ 39.2380, -17.8653,
-9.8557

■ 63.7080, 16.4130,
9.0261

Harmonies

Analogous

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



51.7720, -0.8736, 0.2000



51.4730, -0.7262, -0.4148



51.2880, -0.1420, -1.1296

Triad

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



51.4730, -0.7262, -0.4148



51.6300, 1.1684, -1.4295



51.8970, -0.4422, 1.8443

Complementary

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



51.4730, -0.7262, -0.4148



50.5270, 0.7262, 0.4148

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.



51.7120, 0.1420, 1.1296



51.4730, -0.7262, -0.4148



51.9290, 1.0210, -0.8147

Square

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



51.4730, -0.7262, -0.4148



51.2170, 0.8790, -1.9443



51.5270, 0.7262, 0.4148



51.7830, -0.8790, 1.9443

Rectangle

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



51.4730, -0.7262, -0.4148



51.1030, 0.4422, -1.8443



51.5270, 0.7262, 0.4148



52.0110, -0.0054, 1.7444

Sweetspot

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



51.4730, -0.7262, -0.4148



68.8860, -0.4368, 0.1000



51.1850, -0.5842, 0.7148



35.8860, -0.4368, 0.1000



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



51.4730, -0.7262, -0.4148



67.9460, -1.4524, -0.8296



51.1740, -0.5788, -1.0296



25.4730, -0.7262, -0.4148



65.6980, -32.3891, -18.1521



159.6710, -78.7178, -45.3155

Inverse Universe

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



50.5270, 0.7262, 0.4148



66.0540, 1.4524, 0.8296



50.8260, 0.5788, 1.0296



24.5270, 0.7262, 0.4148



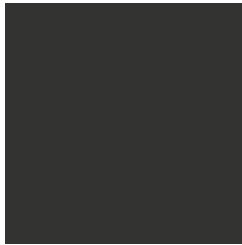
23.6010, 32.2417, 18.7669



57.0300, 78.8652, 44.7007

Previews

White Background



This preview shows how the YUV color 51.4730, -0.7262, -0.4148 looks on a white background.

Color Contrast Check

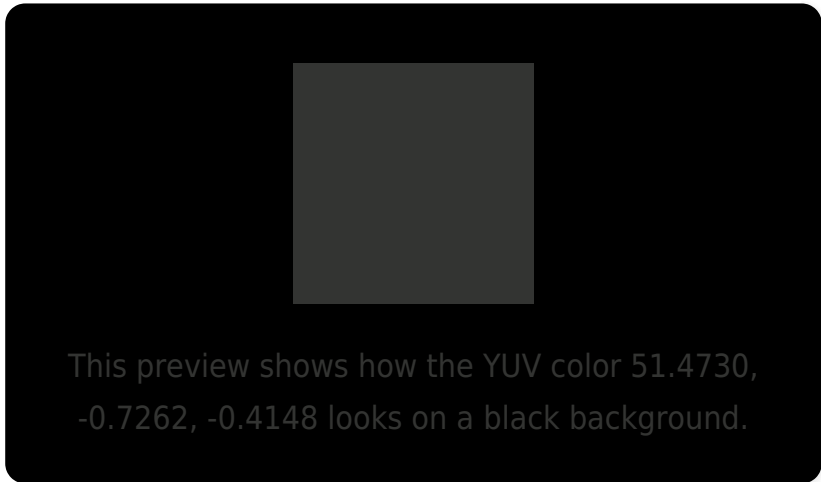
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

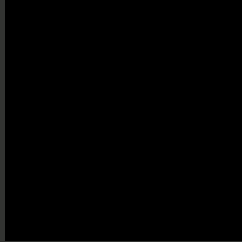
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4730, -0.7262, -0.4148

Background



This preview shows how black text looks on a background with the YUV color 51.4730, -0.7262, -0.4148.



This preview shows how white text looks on a background with the YUV color 51.4730, -0.7262,

-0.4148.

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

51.4730, -0.7262, -0.4148

Protanopia

51.4840, -0.7316, 1.3295

Deuteranopia

52.0930, -1.0318, 4.3034



Tritanopia

51.7550, 1.5998, 0.2149

Trichromacy



Original Color

51.4730, -0.7262, -0.4148

Protanomaly

51.1850, -0.5842, 0.7148

Deuteranomaly

52.0820, -1.0264, 2.5591

Tritanomaly

51.5270, 0.7262, 0.4148

Monochromacy



Original Color

51.4730, -0.7262, -0.4148

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4730, -0.7262, -0.4148 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(51, 52, 50)` looks like.

```
.text, #text, p{  
    color:rgb(51, 52, 50)  
}
```

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(51, 52, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 52, 50) }
```

Border

The CSS property to change the border of an element to YUV 51.4730, -0.7262, -0.4148 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(51, 52, 50) }
```


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

```
.border{ border-color:rgb(51, 52, 50) }
```

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

Here you see how a box with a 4 pixel rgb(51, 52, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 52, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 52, 50);  
box-shadow:4px 4px 4px 4px rgb(51, 52, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4730, -0.7262, -0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 52, 50) }
```

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

```
.background{ background-color: rgb(51, 52,  
50) }
```

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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