

Converting Colors

YUV(73.1130, -14.8457, 1.6549)

Have a look what the booklet for
YUV(73.1130, -14.8457, 1.6549)
contains.

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Color

**YUV(73.1130, -14.8457,
1.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4E2B
RGB	75, 78, 43
RGB Percent	29%, 31%, 17%
CMY	0.7059, 0.6941, 0.8314
CMYK	0.04, 0.00, 0.45, 0.69
HSL	65°, 29%, 24%
HSV	65°, 45%, 31%
XYZ	6.0621, 7.1191, 3.3401
YIQ	73.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

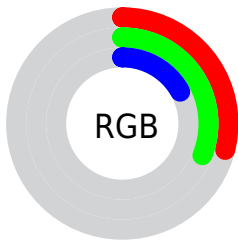
Format	Color
RYB	43, 78, 46
Decimal	4935211
CIELab	32.08, -7.46, 20.28
CIElCh	32, 21.609, 110.183
Yxy	7.1191, 0.3669, 0.4309
Android (android.graphics.Color)	4283125291 (0xFF4B4E2B)
YUV	73.1130, -14.8457, 1.6549
Hunter-Lab	26.6816, -6.1373, 11.2549

Details

The YUV color **73.1130, -14.8457, 1.6549** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47.8870, 14.8457, -1.6549**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.0700, -16.3035, 2.5696**, and **29.5260, -14.5563, 2.1697** is the 20% darker color. If you saturate the color by 10%, you get **71.9020, -18.1927, 1.8399**, and if you desaturate by 10%, it is **74.3240, -11.4987, 1.4699**.

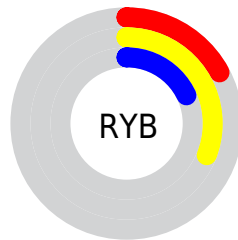
Distribution



Red (29%)

Green (31%)

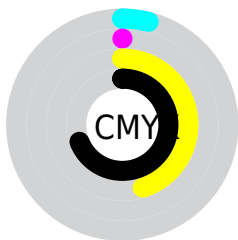
Blue (17%)



Red (17%)

Yellow (31%)

Blue (18%)

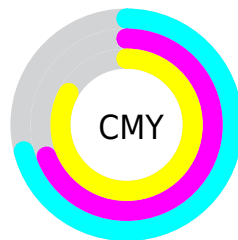


Cyan (4%)

Magenta (0%)

Yellow (45%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1130, -14.8457, 1.6549 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 73.1130, -14.8457, 1.6549 by changing the saturation by 10% instead.

73.1130, -14.8457,
1.6549

73.1130, -14.8457,
1.6549

255.0000, 0.0000,
0.0000

50.3410, -13.9721,
1.4549

122.0700,
-16.3035, 2.5696

29.5260, -14.5563,
2.1697

147.9560,
-16.7403, 2.6696

7.6310, -3.7621,
-6.6924

174.8420,
-17.1771, 2.7696

0.0000, 0.0000,
0.0000

201.7280,
-17.6139, 2.8695

229.9130,
-18.1981, 3.5843

251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 73.1130, -14.8457,
1.6549

■ 73.1130, -14.8457,
1.6549

■ 71.9020, -18.1927,
1.8399

■ 74.3240, -11.4987,
1.4699

■ 70.9900, -21.6871,
2.6398

■ 75.2360, -8.0043,
0.6700

■ 69.8930, -24.5972,
2.7248

■ 76.3330, -5.0942,
0.5850

■ 68.6820, -27.9442,
2.9099

■ 77.5440, -1.7472,
0.3999

■ 67.7700, -31.4386,
3.7097

■ 78.4560, 1.7472,
-0.3999

■ 67.0150, -33.0384,
3.4948

■ 79.6670, 5.0942,
-0.5850

■ 80.8780, 8.4411,
-0.7700

■ 81.6760, 11.4987,
-1.4699

■ 82.8870, 14.8457,
-1.6549

Harmonies

Analogous

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



75.1470, -16.3415, 14.7801



73.1130, -14.8457, 1.6549



70.9200, -8.8346, -13.0848

Triad

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



73.1130, -14.8457, 1.6549



62.0290, 19.2127, -49.1374



77.7240, 2.1081, 23.9211

Complementary

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



73.1130, -14.8457, 1.6549



47.8870, 14.8457, -1.6549

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.



77.5960, 9.5662, 11.7553



73.1130, -14.8457, 1.6549



70.7590, 18.8528, -26.9756

Square

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



73.1130, -14.8457, 1.6549



60.7210, 12.9555, -48.8673



75.6800, 15.4408, -5.8584



76.9820, -5.9071, 28.0798

Rectangle

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



73.1130, -14.8457, 1.6549



68.7490, -2.8343, -24.3359



75.6800, 15.4408, -5.8584



77.6850, 4.5923, 20.4473

Sweetspot

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



73.1130, -14.8457, 1.6549



100.2190, -5.5310, 0.6849



55.2260, -6.0274, 19.9728



49.7890, -3.3470, 0.1850



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



73.1130, -14.8457, 1.6549



94.2350, -23.2869, 2.4249



68.0300, -12.3398, -8.7963



37.5440, -1.7472, 0.3999



87.6810, -43.2267, 4.6648



197.8000, -97.5154, 10.6994

Inverse Universe

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



47.8870, 14.8457, -1.6549



54.7650, 23.2869, -2.4249



52.9700, 12.3398, 8.7963



34.7550, 1.5998, 0.2149



14.3190, 43.2267, -4.6648



32.2000, 97.5154, -10.6994

Previews

White Background



This preview shows how the YUV color 73.1130, -14.8457, 1.6549 looks on a white background.

Color Contrast Check

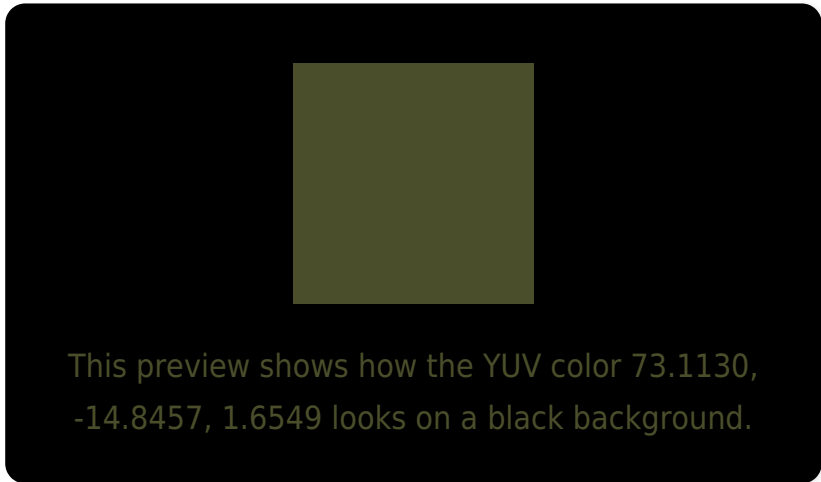
Large Text (above 18pt) WCAG AA ✓ Pass

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

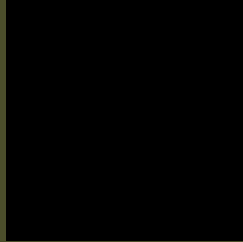
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.1130, -14.8457, 1.6549

Background



This preview shows how black text looks on a background with the YUV color 73.1130, -14.8457, 1.6549.



This preview shows how white text looks on a background with the YUV color 73.1130, -14.8457,

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

73.1130, -14.8457, 1.6549

Protanopia

73.6300, -15.5936, 8.2175

Deuteranopia

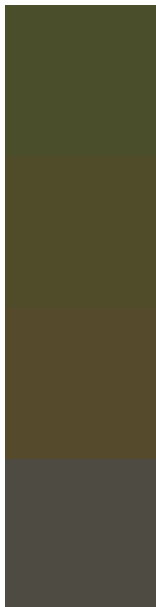
74.7880, -15.1785, 15.0949



Tritanopia

76.1790, 1.8838, 2.4740

Trichromacy



Original Color

73.1130, -14.8457, 1.6549

Protanomaly

73.3200, -15.4408, 5.8584

Deuteranomaly

74.1680, -14.8728, 10.3767

Tritanomaly

74.9850, -3.9366, 2.6442

Monochromacy



Original Color

73.1130, -14.8457, 1.6549

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2190, -5.5310, 0.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1130, -14.8457, 1.6549 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(75, 78, 43)` looks like.

```
.text, #text, p{  
    color:rgb(75, 78, 43)  
}
```

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(75, 78, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 78, 43) }
```

Border

The CSS property to change the border of an element to YUV 73.1130, -14.8457, 1.6549 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(75, 78, 43) }
```


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

```
.border{ border-color:rgb(75, 78, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 78, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 78, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 78, 43);  
box-shadow:4px 4px 4px 4px rgb(75, 78, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.1130, -14.8457, 1.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 78, 43) }
```

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

```
.background{ background-color: rgb(75, 78,  
43) }
```

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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