

Converting Colors

YUV(140.7330, -48.6754,
25.6672)

Have a look what the booklet for
YUV(140.7330, -48.6754, 25.6672)
contains.

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Color

**YUV(140.7330, -48.6754,
25.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	AA912A
RGB	170, 145, 42
RGB Percent	67%, 57%, 16%
CMY	0.3333, 0.4314, 0.8353
CMYK	0.00, 0.15, 0.75, 0.33
HSL	48°, 60%, 42%
HSV	48°, 75%, 67%
XYZ	27.1209, 28.9640, 6.3517
YIQ	140.7330, 47.9630, -26.7330

Conversions

Conversions Part 2

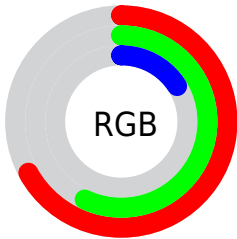
Format	Color
R_{YB}	73, 170, 42
Decimal	11178282
CIE Lab	60.75, -1.64, 54.76
CIE LCh	61, 54.786, 91.720
Yxy	28.9640, 0.4344, 0.4639
Android (android.graphics.Color)	4289368362 (0xFFAA912A)
YUV	140.7330, -48.6754, 25.6672
Hunter-Lab	53.8182, -4.2295, 30.6753

Details

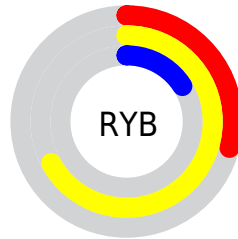
The YUV color **140.7330, -48.6754, 25.6672** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **71.2670, 48.6754, -25.6672**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8150, -49.7018, 28.2262**, and **89.8510, -44.2965, 21.1787** is the 20% darker color. If you saturate the color by 10%, you get **137.0340, -55.2328, 28.9112**, and if you desaturate by 10%, it is **144.4320, -42.1180, 22.4231**.

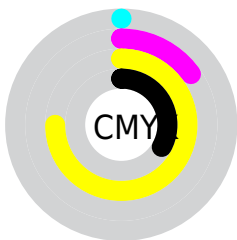
Distribution



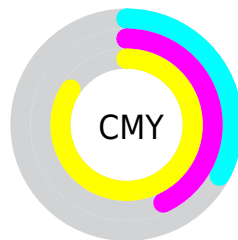
- Red (67%)
- Green (57%)
- Blue (16%)



- Red (29%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (15%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (43%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7330, -48.6754, 25.6672 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 140.7330, -48.6754, 25.6672 by changing the saturation by 10% instead.

■ 140.7330,
-48.6754, 25.6672

■ 140.7330,
-48.6754, 25.6672

■ 255.0000, 0.0000,
0.0000

■ 113.9240,
-51.7275, 24.6227

■ 195.8150,
-49.7018, 28.2262

■ 89.8510, -44.2965,
21.1787

■ 222.7010,
-50.1386, 28.3262

■ 68.2770, -33.6606,
16.4201

■ 242.8020,
-46.7374, 10.6976

■ 47.0020, -23.1720,
12.2762

■ 245.9940,
-34.5070, 7.8983

■ 27.7870, -13.6990,
7.2028

■ 249.1860,
-22.2767, 5.0989

■ 2.3480, -1.1576,
-2.0592

■ 252.4920, -9.6096,

■ 0.0000, 0.0000,

2.1995

0.0000

■ 140.7330,
-48.6754, 25.6672

■ 140.7330,
-48.6754, 25.6672

■ 137.0340,
-55.2328, 28.9112

■ 144.4320,
-42.1180, 22.4231

■ 132.7480,
-61.5008, 32.6700

■ 148.7180,
-35.8500, 18.6643

■ 131.2490,
-64.7058, 33.9846

■ 152.4170,
-29.2926, 15.4203

■ 156.1160,
-22.7352, 12.1763

■ 160.4020,
-16.4672, 8.4174

■ 164.1010, -9.9098,
5.1734

■ 167.8000, -3.3524,
1.9294

■ 172.0860, 2.9156,
-1.8294

■ 175.7850, 9.4730,
-5.0734

Harmonies

Analogous

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



143.5810, -41.2054, 56.4955



140.7330, -48.6754, 25.6672



135.6510, -37.7889, -12.8489

Triad

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



140.7330, -48.6754, 25.6672



121.5470, 36.7053, -106.5967



150.5250, 20.9402, 50.4056

Complementary

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



140.7330, -48.6754, 25.6672



71.2670, 48.6754, -25.6672

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.



149.6250, 39.1319, 2.0829



140.7330, -48.6754, 25.6672



122.0150, 53.7296, -107.0072

Square

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



140.7330, -48.6754, 25.6672



116.6620, 15.4496, -102.3126



126.5050, 57.4320, -81.1269



146.1850, -0.0912, 76.1368

Rectangle

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



140.7330, -48.6754, 25.6672



129.4650, -22.4142, -44.2578



126.5050, 57.4320, -81.1269



150.8590, 27.6775, 36.0807

Sweetspot

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



140.7330, -48.6754, 25.6672



210.3160, -19.3828, 10.2469



83.2360, -7.5113, 76.0920



104.9440, -11.8044, 6.1881



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



140.7330, -48.6754, 25.6672



176.3070, -76.0734, 40.0728



144.0460, -50.3087, -10.5643



82.5010, -3.2050, 1.3146



114.1050, -56.2538, 29.7259



15.3720, -7.5784, 4.0588

Inverse Universe

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



71.2670, 48.6754, -25.6672



67.6930, 76.0734, -40.0728



67.9540, 50.3087, 10.5643



77.4990, 3.2050, -1.3146



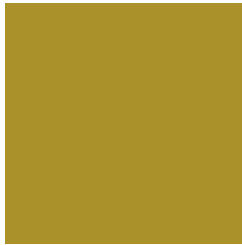
33.8950, 56.2538, -29.7259



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 140.7330, -48.6754, 25.6672 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 140.7330, -48.6754, 25.6672 looks on a black 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 × Fail

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

YUV 140.7330, -48.6754, 25.6672

Background



This preview shows how black text looks on a background with the YUV color 140.7330, -48.6754, 25.6672.

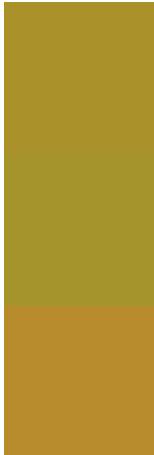


This preview shows how white text looks on a background with the YUV color 140.7330, -48.6754,

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

140.7330, -48.6754, 25.6672

Protanopia

140.5260, -48.0803, 21.4637

Deuteranopia

141.6250, -48.1291, 37.1629



Tritanopia

149.1110, -1.5337, 25.3357

Trichromacy



Original Color

140.7330, -48.6754, 25.6672

Protanomaly

140.5370, -48.0857, 23.2081

Deuteranomaly

141.1900, -48.4077, 33.1594

Tritanomaly

146.2300, -18.8474, 25.2313

Monochromacy



Original Color

140.7330, -48.6754, 25.6672

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7720, -17.6356, 9.8470

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7330, -48.6754, 25.6672 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(170, 145, 42)` looks like.

```
.text, #text, p{  
    color:rgb(170, 145, 42)  
}
```

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(170, 145, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 145, 42) }
```

Border

The CSS property to change the border of an element to YUV 140.7330, -48.6754, 25.6672 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(170, 145, 42) }
```


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

```
.border{ border-color:rgb(170, 145, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 145, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 145, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 145, 42);  
box-shadow:4px 4px 4px 4px rgb(170, 145,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 140.7330, -48.6754, 25.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 145, 42) }
```

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

```
.background{ background-color: rgb(170,  
145, 42) }
```

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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