

Converting Colors

YUV(138.7060, -24.0121,
48.4928)

Have a look what the booklet for
YUV(138.7060, -24.0121, 48.4928)
contains.

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Color

**YUV(138.7060, -24.0121,
48.4928)**

Conversions

Conversions Part 1

Format	Color
Hex	C2785A
RGB	194, 120, 90
RGB Percent	76%, 47%, 35%
CMY	0.2392, 0.5294, 0.6471
CMYK	0.00, 0.38, 0.54, 0.24
HSL	17°, 46%, 56%
HSV	17°, 54%, 76%
XYZ	30.8101, 25.6405, 12.9981
YIQ	138.7060, 53.7340, 6.3580

Conversions

Conversions Part 2

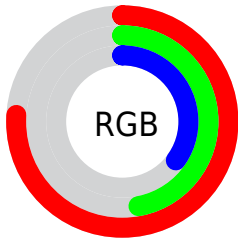
Format	Color
RYB	194, 132, 90
Decimal	12744794
CIELab	57.69, 25.82, 28.58
CIELCh	58, 38.519, 47.904
Yxy	25.6405, 0.4436, 0.3692
Android (android.graphics.Color)	4290934874 (0xFFC2785A)
YUV	138.7060, -24.0121, 48.4928
Hunter-Lab	50.6364, 19.9958, 20.2261

Details

The YUV color **138.7060, -24.0121, 48.4928** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **145.2940, 24.0121, -48.4928**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1580, -26.2069, 52.4814**, and **87.0690, -21.2330, 43.7895** is the 20% darker color. If you saturate the color by 10%, you get **128.3220, -28.2597, 57.5996**, and if you desaturate by 10%, it is **149.0900, -19.7644, 39.3861**.

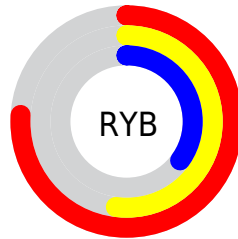
Distribution



Red (76%)

Green (47%)

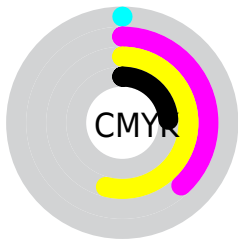
Blue (35%)



Red (76%)

Yellow (52%)

Blue (35%)

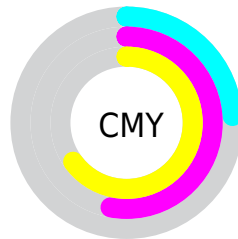


Cyan (0%)

Magenta (38%)

Yellow (54%)

Black (24%)



Cyan (24%)

Magenta (53%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the YUV color 138.7060, -24.0121, 48.4928 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 138.7060, -24.0121, 48.4928 by changing the saturation by 10% instead.


 138.7060,
-24.0121, 48.4928


 138.7060,
-24.0121, 48.4928


 255.0000, 0.0000,
0.0000


 112.6240,
-22.9856, 45.9338


 193.1580,
-26.2069, 52.4814


 87.0690, -21.2330,
43.7895


 212.6830,
-22.5217, 37.1120

 62.6880, -20.0592,
40.6156


 232.7840,
-19.1205, 19.4834

 38.6060, -19.0328,
38.0565

 251.2380,
-14.4143, 3.2993

 17.6190, -8.6862,
32.7831

 254.5440, -1.7472,
0.3999

 8.7850, -3.8380,
17.7286

 0.0000, 0.0000,

0.0000

■ 138.7060,
-24.0121, 48.4928

■ 138.7060,
-24.0121, 48.4928

■ 128.3220,
-28.2597, 57.5996

■ 149.0900,
-19.7644, 39.3861

■ 117.8240,
-32.9442, 66.8064

■ 159.5880,
-15.0799, 30.1793

■ 108.0270,
-37.4813, 75.3983

■ 169.3850,
-10.5428, 21.5874

■ 97.5290, -42.1658,
84.6051

■ 179.8830, -5.8583,
12.3806

■ 90.8780, -44.8029,
90.4380

■ 190.2670, -1.6106,
3.2738

■ 200.6510, 2.6371,
-5.8329

■ 211.1490, 7.3215,
-15.0397

■ 220.9460, 11.8586,
-23.6316

■ 230.3040, 12.1751,
-31.8386

Harmonies

Analogous

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



140.1210, -9.9197, 55.1449



138.7060, -24.0121, 48.4928



136.8210, -31.9568, 29.9750

Triad

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



138.7060, -24.0121, 48.4928



119.9570, 1.5002, -61.3523



138.2670, 31.9134, -16.0202

Complementary

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



138.7060, -24.0121, 48.4928



145.2940, 24.0121, -48.4928

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.



124.2070, 39.3379, -64.2025



138.7060, -24.0121, 48.4928



109.5840, 23.8691, -96.1052

Square

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



138.7060, -24.0121, 48.4928



129.3240, -18.4007, -24.8401



111.2430, 37.8412, -97.5601



142.5230, 20.4482, 21.4663

Rectangle

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



138.7060, -24.0121, 48.4928



135.3090, -32.1973, 13.7610



111.2430, 37.8412, -97.5601



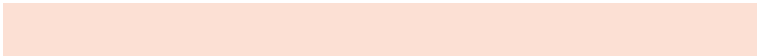
135.1620, 34.4301, -29.9601

Sweetspot

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



138.7060, -24.0121, 48.4928



231.0040, -9.3690, 18.4135



129.6460, 17.4295, 56.4385



114.5840, -5.7109, 11.7658



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



138.7060, -24.0121, 48.4928



166.1410, -37.0445, 75.2983



168.6430, -38.7710, 22.2381



91.7510, -2.3422, 4.6034



75.1410, -37.0445, 75.2983



15.7370, -7.7583, 15.1397

Inverse Universe

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



145.2940, 24.0121, -48.4928



176.8590, 37.0445, -75.2983



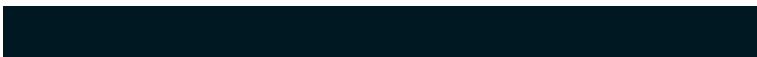
115.3570, 38.7710, -22.2381



92.2490, 2.3422, -4.6034



85.2720, 37.3339, -74.7835



17.8500, 7.4690, -15.6544

Previews

White Background



This preview shows how the YUV color 138.7060, -24.0121, 48.4928 looks on a white background.

Color Contrast Check

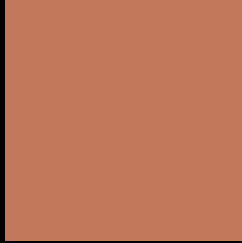
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7060, -24.0121, 48.4928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

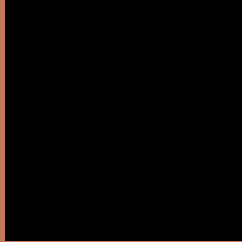
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.7060, -24.0121, 48.4928

Background



This preview shows how black text looks on a background with the YUV color 138.7060, -24.0121, 48.4928.



This preview shows how white text looks on a background with the YUV color 138.7060, -24.0121,

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

138.7060, -24.0121, 48.4928

Protanopia

137.6150, -19.5302, 10.8616

Deuteranopia

138.2210, -25.2520, 26.1162



Tritanopia

140.5440, -8.1562, 49.5119

Trichromacy



Original Color

138.7060, -24.0121, 48.4928

Protanomaly

137.9480, -21.1734, 24.6016

Deuteranomaly

138.0910, -24.6949, 34.1232

Tritanomaly

140.0510, -13.8291, 49.0673

Monochromacy



Original Color

138.7060, -24.0121, 48.4928

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8190, -8.7848, 17.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7060, -24.0121, 48.4928 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(194, 120, 90)` looks like.

```
.text, #text, p{  
    color:rgb(194, 120, 90)  
}
```

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(194, 120, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 120, 90) }
```

Border

The CSS property to change the border of an element to YUV 138.7060, -24.0121, 48.4928 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(194, 120, 90) }
```


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

```
.border{ border-color:rgb(194, 120, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 120, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 120, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 120, 90);  
box-shadow:4px 4px 4px 4px rgb(194, 120,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 138.7060, -24.0121, 48.4928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 120, 90) }
```

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

```
.background{ background-color: rgb(194,  
120, 90) }
```

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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