

Converting Colors

YUV(140.3090, -38.6063,
62.8730)

Have a look what the booklet for
YUV(140.3090, -38.6063, 62.8730)
contains.

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Color

**YUV(140.3090, -38.6063,
62.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	D4773E
RGB	212, 119, 62
RGB Percent	83%, 47%, 24%
CMY	0.1686, 0.5333, 0.7569
CMYK	0.00, 0.44, 0.71, 0.17
HSL	23°, 64%, 54%
HSV	23°, 71%, 83%
XYZ	34.6177, 27.5385, 8.0483
YIQ	140.3090, 73.7250, 1.9890

Conversions

Conversions Part 2

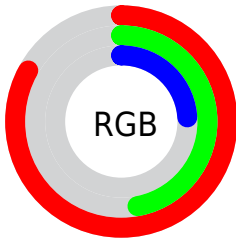
Format	Color
R _Y B	212, 154, 62
Decimal	13924158
CIE Lab	59.47, 31.77, 46.18
CIE LCh	59, 56.058, 55.473
Yxy	27.5385, 0.4931, 0.3923
Android (android.graphics.Color)	4292114238 (0xFFD4773E)
YUV	140.3090, -38.6063, 62.8730
Hunter-Lab	52.4771, 25.9165, 27.6408

Details

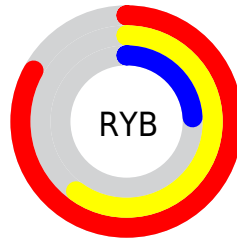
The YUV color **140.3090, -38.6063, 62.8730** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **133.6910, 38.6063, -62.8730**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9770, -38.4427, 57.0252**, and **87.3190, -37.1323, 56.7252** is the 20% darker color. If you saturate the color by 10%, you get **130.2840, -44.0170, 71.6649**, and if you desaturate by 10%, it is **150.3340, -33.1957, 54.0811**.

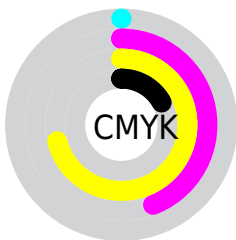
Distribution



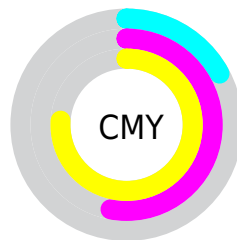
- Red (83%)
- Green (47%)
- Blue (24%)



- Red (83%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (17%)



- Cyan (17%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3090, -38.6063, 62.8730 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 140.3090, -38.6063, 62.8730 by changing the saturation by 10% instead.

■ 140.3090,
-38.6063, 62.8730

■ 140.3090,
-38.6063, 62.8730

■ 255.0000, 0.0000,
0.0000

■ 113.9280,
-37.4325, 59.6991

■ 189.9770,
-38.4427, 57.0252

■ 87.3190, -37.1323,
56.7252

■ 209.3770,
-35.1889, 40.0114

■ 63.1920, -31.1537,
52.4516

■ 228.8910,
-31.4983, 22.8976

■ 39.8460, -19.6441,
47.4931

■ 247.8180,
-27.5183, 6.2986

■ 19.4350, -9.5815,
39.9605

■ 251.1240,
-14.8511, 3.3993

■ 12.6720, -5.7543,
25.7207

■ 254.3160, -2.6208,

■ 0.0000, 0.0000,

0.5999

0.0000

■ 140.3090,
-38.6063, 62.8730

■ 140.3090,
-38.6063, 62.8730

■ 130.2840,
-44.0170, 71.6649

■ 150.3340,
-33.1957, 54.0811

■ 120.2590,
-49.4277, 80.4569

■ 160.3590,
-27.7850, 45.2892

■ 110.9350,
-54.6910, 88.6340

■ 170.4980,
-21.9375, 36.3973

■ 181.1100,
-16.8162, 27.0905

■ 191.1350,
-11.4056, 18.2986

■ 201.1600, -5.9949,
9.5067

■ 211.1850, -0.5842,
0.7148

■ 221.3240, 5.2633,
-8.1771

■ 231.3490, 10.6739,
-16.9691

Harmonies

Analogous

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



141.0980, -18.2893, 79.7211



140.3090, -38.6063, 62.8730



137.7340, -50.1549, 33.5593

Triad

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



140.3090, -38.6063, 62.8730



112.7180, 10.4920, -98.8537



143.8020, 43.9746, -11.2274

Complementary

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



140.3090, -38.6063, 62.8730



133.6910, 38.6063, -62.8730

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.



116.1110, 61.5703, -101.8293



140.3090, -38.6063, 62.8730



119.0050, 32.0425, -104.3674

Square

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



140.3090, -38.6063, 62.8730



123.3220, -18.8927, -53.7794



120.6300, 50.9614, -105.7925



147.1480, 26.0560, 42.8432

Rectangle

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



140.3090, -38.6063, 62.8730



135.2640, -47.4582, 8.5385



120.6300, 50.9614, -105.7925



138.9130, 48.8499, -35.0037

Sweetspot

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



140.3090, -38.6063, 62.8730



229.4730, -14.0372, 22.3872



117.6800, 19.3848, 82.7186



112.6120, -8.1897, 13.4953



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.



140.3090, -38.6063, 62.8730



151.6040, -56.0068, 90.6783



183.1600, -59.7319, 25.2927



101.6370, -2.7790, 4.7034



89.2840, -44.0170, 71.6649



22.2490, -10.9688, 18.1986

Inverse Universe

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



133.6910, 38.6063, -62.8730



141.9830, 55.7174, -91.1931



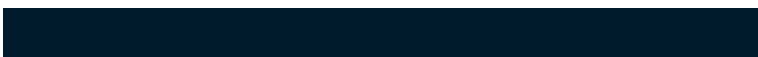
90.8400, 59.7319, -25.2927



101.3630, 2.7790, -4.7034



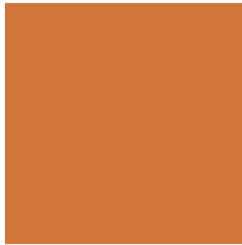
81.7160, 44.0170, -71.6649



20.7510, 10.9688, -18.1986

Previews

White Background



This preview shows how the YUV color 140.3090, -38.6063, 62.8730 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 140.3090, -38.6063, 62.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

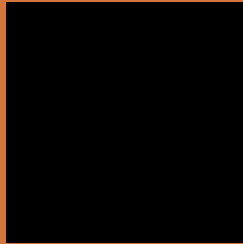
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.3090, -38.6063, 62.8730

Background



This preview shows how black text looks on a background with the YUV color 140.3090, -38.6063, 62.8730.



This preview shows how white text looks on a background with the YUV color 140.3090, -38.6063, 62.8730.

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

140.3090, -38.6063, 62.8730

Protanopia

140.0490, -34.5342, 16.6200

Deuteranopia

140.4380, -41.1349, 33.8189



Tritanopia

143.7090, -11.6885, 62.5222

Trichromacy



Original Color

140.3090, -38.6063, 62.8730

Protanomaly

140.1050, -36.0408, 33.2339

Deuteranomaly

140.1450, -40.0045, 44.5998

Tritanomaly

142.7770, -21.5821, 62.4626

Monochromacy



Original Color

140.3090, -38.6063, 62.8730

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8860, -13.7478, 22.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3090, -38.6063, 62.8730 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(212, 119, 62)` looks like.

```
.text, #text, p{  
    color:rgb(212, 119, 62)  
}
```

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(212, 119, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 119, 62) }
```

Border

The CSS property to change the border of an element to YUV 140.3090, -38.6063, 62.8730 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(212, 119, 62) }
```


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

```
.border{ border-color:rgb(212, 119, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 119, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 119, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 119, 62);  
box-shadow:4px 4px 4px 4px rgb(212, 119,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 140.3090, -38.6063, 62.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 119, 62) }
```

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

```
.background{ background-color: rgb(212,  
119, 62) }
```

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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