

Converting Colors

YUV(138.9210, -30.0341,
66.7213)

Have a look what the booklet for
YUV(138.9210, -30.0341, 66.7213)
contains.

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Color

**YUV(138.9210, -30.0341,
66.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	D7704E
RGB	215, 112, 78
RGB Percent	84%, 44%, 31%
CMY	0.1569, 0.5608, 0.6941
CMYK	0.00, 0.48, 0.64, 0.16
HSL	15°, 63%, 57%
HSV	15°, 64%, 84%
XYZ	35.1936, 26.5855, 10.4843
YIQ	138.9210, 72.3020, 11.2620

Conversions

Conversions Part 2

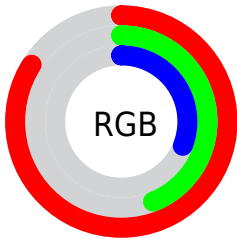
Format	Color
R _Y B	215, 123, 78
Decimal	14118990
CIE Lab	58.59, 37.54, 36.93
CIE LCh	59, 52.661, 44.533
Yxy	26.5855, 0.4870, 0.3679
Android (android.graphics.Color)	4292309070 (0xFFD7704E)
YUV	138.9210, -30.0341, 66.7213
Hunter-Lab	51.5611, 31.6054, 24.0369

Details

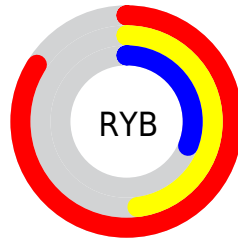
The YUV color **138.9210, -30.0341, 66.7213** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **154.0790, 30.0341, -66.7213**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6920, -29.4282, 59.0291**, and **85.8000, -26.5234, 60.6884** is the 20% darker color. If you saturate the color by 10%, you get **127.0210, -35.0134, 77.1576**, and if you desaturate by 10%, it is **150.8210, -25.0548, 56.2850**.

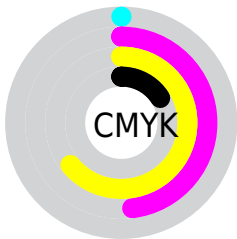
Distribution



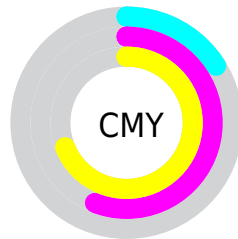
- Red (84%)
- Green (44%)
- Blue (31%)



- Red (84%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (48%)
- Yellow (64%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.9210, -30.0341, 66.7213 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 138.9210, -30.0341, 66.7213 by changing the saturation by 10% instead.


 138.9210,
-30.0341, 66.7213

 138.9210,
-30.0341, 66.7213


255.0000, 0.0000,
0.0000

 111.9530,
-28.5708, 64.0622


 187.6920,
-29.4282, 59.0291

 85.8000, -26.5234,
60.6884


 207.0920,
-26.1744, 42.0153


 59.8320, -25.0602,
58.0293


 226.6060,
-22.4838, 24.9015

 32.5250, -16.0348,
56.5446

 246.8210,
-18.6458, 7.1730

 20.3320, -10.0237,
41.8048

 252.9480, -7.8624,
1.7996

 13.2700, -6.0491,
26.9502

 0.0000, 0.0000,

0.0000

■ 138.9210,
-30.0341, 66.7213

■ 138.9210,
-30.0341, 66.7213

■ 127.0210,
-35.0134, 77.1576

■ 150.8210,
-25.0548, 56.2850

■ 115.2350,
-39.5559, 87.4939

■ 162.6070,
-20.5123, 45.9487

■ 103.3350,
-44.5352, 97.9302

■ 174.5070,
-15.5330, 35.5124

■ 95.3960, -47.0302,
104.8927

■ 186.8800,
-11.2798, 24.6612

■ 198.7800, -6.3005,
14.2249

■ 210.5660, -1.7580,
3.8886

■ 222.4660, 3.2213,
-6.5477

■ 234.2520, 7.7638,
-16.8840

■ 243.0400, 5.8963,
-24.5911

Harmonies

Analogous

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



139.9540, -9.8373, 75.4623



138.9210, -30.0341, 66.7213



137.3960, -44.0722, 42.6257

Triad

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



138.9210, -30.0341, 66.7213



108.2040, 3.3504, -94.8949



136.5280, 46.0817, -33.7891

Complementary

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



138.9210, -30.0341, 66.7213



154.0790, 30.0341, -66.7213

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.



116.0310, 56.1867, -101.7592



138.9210, -30.0341, 66.7213



114.8500, 23.7380, -100.7234

Square

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



138.9210, -30.0341, 66.7213



127.2880, -27.2570, -30.9476



117.8770, 42.9516, -103.3781



144.8790, 30.6257, 23.7851

Rectangle

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



138.9210, -30.0341, 66.7213



135.0960, -45.8963, 20.9638



117.8770, 42.9516, -103.3781



127.8340, 51.8468, -62.9984

Sweetspot

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



138.9210, -30.0341, 66.7213



228.3960, -10.5482, 23.3317



130.9330, 25.6690, 73.7268



111.0790, -6.4479, 14.8397



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.



138.9210, -30.0341, 66.7213



147.1820, -42.4877, 94.5564



177.6630, -49.1339, 32.7445



101.0500, -2.4896, 5.2182



75.7830, -37.3610, 83.5053



19.3140, -9.5218, 20.7726

Inverse Universe

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



154.0790, 30.0341, -66.7213



168.8180, 42.4877, -94.5564



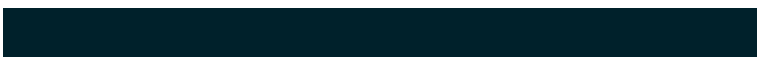
115.3370, 49.1339, -32.7445



101.9500, 2.4897, -5.2181



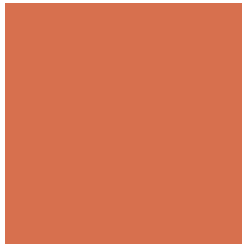
94.6300, 37.6504, -82.9905



24.2730, 9.2324, -21.2874

Previews

White Background



This preview shows how the YUV color 138.9210, -30.0341, 66.7213 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 138.9210, -30.0341, 66.7213 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 138.9210, -30.0341, 66.7213

Background



This preview shows how black text looks on a background with the YUV color 138.9210, -30.0341, 66.7213.



This preview shows how white text looks on a background with the YUV color 138.9210, -30.0341,

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

138.9210, -30.0341, 66.7213

Protanopia

138.9590, -24.6298, 13.1910

Deuteranopia

139.5930, -32.8303, 30.1749



Tritanopia

140.8020, -12.7204, 66.8256

Trichromacy



Original Color

138.9210, -30.0341, 66.7213

Protanomaly

138.6240, -26.4366, 32.7788

Deuteranomaly

139.6100, -31.8527, 43.3150

Tritanomaly

140.1950, -18.8301, 66.4810

Monochromacy



Original Color

138.9210, -30.0341, 66.7213

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9940, -10.8430, 24.5613

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9210, -30.0341, 66.7213 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(215, 112, 78)` looks like.

```
.text, #text, p{  
    color:rgb(215, 112, 78)  
}
```

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(215, 112, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 112, 78) }
```

Border

The CSS property to change the border of an element to YUV 138.9210, -30.0341, 66.7213 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(215, 112, 78) }
```


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

```
.border{ border-color:rgb(215, 112, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 112, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 112, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 112, 78);  
box-shadow:4px 4px 4px 4px rgb(215, 112,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 138.9210, -30.0341, 66.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 112, 78) }
```

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

```
.background{ background-color: rgb(215,  
112, 78) }
```

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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