

Converting Colors

YUV(90.0700, -12.8525,
15.7246)

Have a look what the booklet for
YUV(90.0700, -12.8525, 15.7246)
contains.

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Color

**YUV(90.0700, -12.8525,
15.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5640
RGB	108, 86, 64
RGB Percent	42%, 34%, 25%
CMY	0.5765, 0.6627, 0.7490
CMYK	0.00, 0.20, 0.41, 0.58
HSL	30°, 26%, 34%
HSV	30°, 41%, 42%
XYZ	10.4375, 10.2139, 6.2718
YIQ	90.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

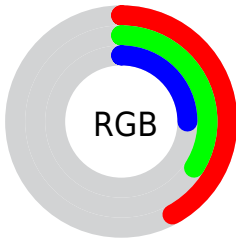
Format	Color
RYB	108, 108, 64
Decimal	7099968
CIELab	38.22, 5.71, 16.25
CIElCh	38, 17.224, 70.626
Yxy	10.2139, 0.3877, 0.3794
Android (android.graphics.Color)	4285290048 (0xFF6C5640)
YUV	90.0700, -12.8525, 15.7246
Hunter-Lab	31.9592, 2.3677, 10.7360

Details

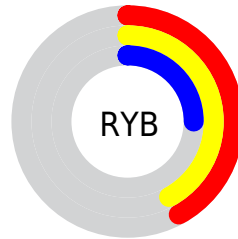
The YUV color **90.0700, -12.8525, 15.7246** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.9300, 12.8525, -15.7246**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4400, -14.0209, 17.1541**, and **44.1020, -11.3893, 13.0655** is the 20% darker color. If you saturate the color by 10%, you get **85.8810, -16.2103, 19.3984**, and if you desaturate by 10%, it is **94.2590, -9.4947, 12.0509**.

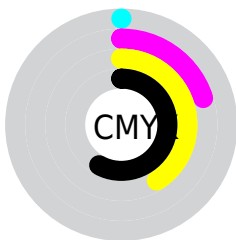
Distribution



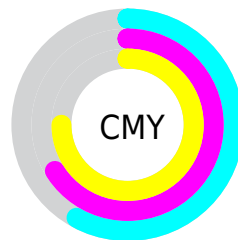
- Red (42%)
- Green (34%)
- Blue (25%)



- Red (42%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (58%)



- Cyan (58%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0700, -12.8525, 15.7246 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 90.0700, -12.8525, 15.7246 by changing the saturation by 10% instead.

■ 90.0700, -12.8525,
15.7246

■ 90.0700, -12.8525,
15.7246

■ 255.0000, 0.0000,
0.0000

■ 66.5860, -12.1209,
14.3951

■ 140.4400,
-14.0209, 17.1541

■ 44.1020, -11.3893,
13.0655

■ 166.9240,
-14.7525, 18.4837

■ 22.8030, -11.2419,
12.4508

■ 194.2230,
-14.8999, 19.0984

■ 0.0000, 0.0000,
0.0000

■ 222.4080,
-15.4841, 19.8132

■ 245.0260,
-12.8308, 8.7472

■ 254.0880, -3.4944,

0.7998

■ 90.0700, -12.8525,
15.7246

■ 90.0700, -12.8525,
15.7246

■ 85.8810, -16.2103,
19.3984

■ 94.2590, -9.4947,
12.0509

■ 81.1050, -19.2788,
23.5869

■ 99.0350, -6.4263,
7.8623

■ 77.0300, -22.1998,
27.1607

■ 103.1100, -3.5052,
4.2885

■ 72.2540, -25.2682,
31.3492

■ 107.8860, -0.4368,
0.1000

■ 68.0650, -28.6260,
35.0230

■ 112.0750, 2.9210,
-3.5738

■ 63.9900, -31.5471,
38.5968

■ 116.2640, 6.2788,
-7.2475

■ 121.0400, 9.3473,
-11.4361

■ 125.1150, 12.2683,
-15.0099

■ 129.8910, 15.3367,
-19.1984

Harmonies

Analogous

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



91.0260, -9.3798, 21.9022



90.0700, -12.8525, 15.7246



88.8900, -13.2568, 5.3585

Triad

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



90.0700, -12.8525, 15.7246



83.6050, 5.6177, -28.5946



91.8510, 9.4405, 5.3927

Complementary

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



90.0700, -12.8525, 15.7246



81.9300, 12.8525, -15.7246

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.



90.0880, 13.2676, -8.8472



90.0700, -12.8525, 15.7246



83.6030, 12.0277, -31.2238

Square

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



90.0700, -12.8525, 15.7246



85.1950, -2.5611, -18.5880



86.3420, 14.6214, -23.1019



92.4350, 3.7295, 17.1585

Rectangle

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



90.0700, -12.8525, 15.7246



87.5300, -10.6143, -2.2188



86.3420, 14.6214, -23.1019



90.9860, 11.3459, 0.8893

Sweetspot

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



90.0700, -12.8525, 15.7246



133.3660, -5.1104, 5.8180



79.6640, 3.1236, 24.8507



66.9250, -2.9210, 3.5738



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



90.0700, -12.8525, 15.7246



112.2900, -19.8630, 24.3017



102.9840, -19.2191, 4.3990



51.5550, -1.7526, 2.1443



69.6160, -34.3207, 41.5558



144.8690, -71.4204, 87.8149

Inverse Universe

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



81.9300, 12.8525, -15.7246



99.7100, 19.8630, -24.3017



69.0160, 19.2191, -4.3990



50.4450, 1.7526, -2.1443



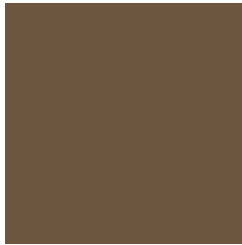
47.9710, 34.0313, -42.0706



99.5440, 71.7098, -87.3001

Previews

White Background



This preview shows how the YUV color 90.0700, -12.8525, 15.7246 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 × Fail

Black Background



This preview shows how the YUV color 90.0700, -12.8525, 15.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

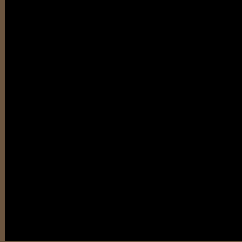
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0700, -12.8525, 15.7246

Background



This preview shows how black text looks on a background with the YUV color 90.0700, -12.8525, 15.7246.



This preview shows how white text looks on a background with the YUV color 90.0700, -12.8525,

15.7246.

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

90.0700, -12.8525, 15.7246

Protanopia

89.3570, -11.5150, 6.7029

Deuteranopia

89.7710, -12.7051, 15.1098



Tritanopia

91.7570, -1.3592, 15.9991

Trichromacy



Original Color

90.0700, -12.8525, 15.7246

Protanomaly

89.8520, -12.2520, 9.7768

Deuteranomaly

89.7710, -12.7051, 15.1098

Tritanomaly

91.0190, -5.4324, 15.7693

Monochromacy



Original Color

90.0700, -12.8525, 15.7246

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.4800, -4.6736, 5.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0700, -12.8525, 15.7246 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(108, 86, 64)` looks like.

```
.text, #text, p{  
    color:rgb(108, 86, 64)  
}
```

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(108, 86, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 86, 64) }
```

Border

The CSS property to change the border of an element to YUV 90.0700, -12.8525, 15.7246 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(108, 86, 64) }
```


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

```
.border{ border-color:rgb(108, 86, 64) }
```

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

Here you see how a box with a 4 pixel rgb(108, 86, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 86, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 86, 64);  
box-shadow:4px 4px 4px 4px rgb(108, 86,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 90.0700, -12.8525, 15.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 86, 64) }
```

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

```
.background{ background-color: rgb(108, 86,  
64) }
```

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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