

Converting Colors

YUV(90.5530, -12.1046, 9.1620)

Have a look what the booklet for
YUV(90.5530, -12.1046, 9.1620)
contains.

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Color

**YUV(90.5530, -12.1046,
9.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	655A42
RGB	101, 90, 66
RGB Percent	40%, 35%, 26%
CMY	0.6039, 0.6471, 0.7412
CMYK	0.00, 0.11, 0.35, 0.60
HSL	41°, 21%, 33%
HSV	41°, 35%, 40%
XYZ	10.0064, 10.4724, 6.6482
YIQ	90.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

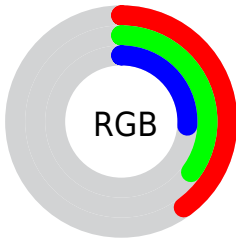
Format	Color
RYB	82, 101, 66
Decimal	6642242
CIELab	38.68, 0.42, 15.52
CIELCh	39, 15.522, 88.468
Yxy	10.4724, 0.3689, 0.3861
Android (android.graphics.Color)	4284832322 (0xFF655A42)
YUV	90.5530, -12.1046, 9.1620
Hunter-Lab	32.3611, -1.4379, 10.4722

Details

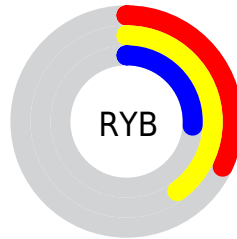
The YUV color **90.5530, -12.1046, 9.1620** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **76.4470, 12.1046, -9.1620**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9230, -13.2730, 10.5915**, and **44.8840, -10.7888, 7.1177** is the 20% darker color. If you saturate the color by 10%, you get **87.6520, -15.6044, 11.7062**, and if you desaturate by 10%, it is **93.4540, -8.6048, 6.6178**.

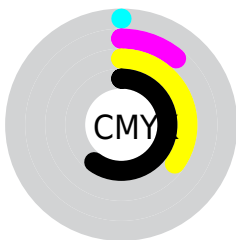
Distribution



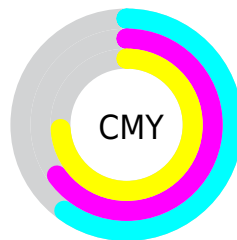
- Red (40%)
- Green (35%)
- Blue (26%)



- Red (32%)
- Yellow (40%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5530, -12.1046, 9.1620 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 90.5530, -12.1046, 9.1620 by changing the saturation by 10% instead.

■ 90.5530, -12.1046,
9.1620

■ 90.5530, -12.1046,
9.1620

■ 255.0000, 0.0000,
0.0000

■ 67.3680, -11.5204,
8.4473

■ 140.9230,
-13.2730, 10.5915

■ 44.8840, -10.7888,
7.1177

■ 166.9230,
-13.2730, 10.5915

■ 23.9550, -11.8098,
7.9325

■ 194.1080,
-13.8572, 11.3063

■ 0.0000, 0.0000,
0.0000

■ 222.2930,
-14.4414, 12.0210

■ 248.1890,
-13.4042, 5.9732

■ 254.4300, -2.1840,

0.4999

■ 90.5530, -12.1046,
9.1620

■ 90.5530, -12.1046,
9.1620

■ 87.6520, -15.6044,
11.7062

■ 93.4540, -8.6048,
6.6178

■ 84.7510, -19.1042,
14.2504

■ 96.3550, -5.1050,
4.0737

■ 81.2630, -22.3147,
17.3093

■ 99.8430, -1.8946,
1.0147

■ 78.3620, -25.8145,
19.8535

■ 102.7440, 1.6052,
-1.5295

■ 75.4610, -29.3143,
22.3977

■ 105.7590, 5.5418,
-4.1736

■ 72.4460, -33.2509,
25.0419

■ 108.6600, 9.0416,
-6.7178

■ 70.7020, -34.8561,
26.5713

■ 111.5610, 12.5414,
-9.2620

■ 114.4620, 16.0412,
-11.8062

■ 117.9500, 19.2517,
-14.8651

Harmonies

Analogous

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



91.6510, -10.6739, 16.9691



90.5530, -12.1046, 9.1620



89.3560, -10.0355, -1.1892

Triad

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



90.5530, -12.1046, 9.1620



85.4140, 8.6699, -27.5501



93.1570, 5.3456, 12.1403

Complementary

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



90.5530, -12.1046, 9.1620



76.4470, 12.1046, -9.1620

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.



92.0460, 10.3303, -0.0403



90.5530, -12.1046, 9.1620



87.0600, 12.2954, -23.7316

Square

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



90.5530, -12.1046, 9.1620



85.7260, 2.1071, -22.5617



89.6530, 12.9891, -12.8507



93.0070, -0.4965, 19.2879

Rectangle

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



90.5530, -12.1046, 9.1620



88.1100, -6.9562, -8.8665



89.6530, 12.9891, -12.8507



92.7050, 7.5404, 8.1517

Sweetspot

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



90.5530, -12.1046, 9.1620



126.1700, -4.5208, 3.3589



77.7190, -0.3545, 20.4174



63.9140, -2.9156, 1.8294



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



90.5530, -12.1046, 9.1620



113.7510, -19.1042, 14.2504



95.2160, -14.4035, -0.1894



49.2560, -1.6052, 1.5295



80.7580, -39.8137, 30.0302



169.8000, -83.7114, 63.3194

Inverse Universe

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



76.4470, 12.1046, -9.1620



91.8360, 18.8149, -14.7652



71.7840, 14.4035, 0.1894



47.7440, 1.6052, -1.5295



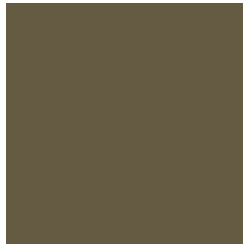
34.2420, 39.8137, -30.0302



72.2000, 83.7114, -63.3194

Previews

White Background



This preview shows how the YUV color 90.5530, -12.1046, 9.1620 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 90.5530, -12.1046, 9.1620 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 90.5530, -12.1046, 9.1620

Background



This preview shows how black text looks on a background with the YUV color 90.5530, -12.1046, 9.1620.



This preview shows how white text looks on a background with the YUV color 90.5530, -12.1046,

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

90.5530, -12.1046, 9.1620

Protanopia

90.2430, -11.9518, 6.8029

Deuteranopia

90.9990, -11.8315, 14.9099



Tritanopia

92.1800, 0.4043, 10.3661

Trichromacy



Original Color

90.5530, -12.1046, 9.1620

Protanomaly

90.5420, -12.0992, 7.4177

Deuteranomaly

90.6890, -11.6787, 12.5507

Tritanomaly

91.3280, -4.1057, 10.2363

Monochromacy



Original Color

90.5530, -12.1046, 9.1620

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5530, -12.1046, 9.1620 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(101, 90, 66)` looks like.

```
.text, #text, p{  
    color:rgb(101, 90, 66)  
}
```

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(101, 90, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 90, 66) }
```

Border

The CSS property to change the border of an element to YUV 90.5530, -12.1046, 9.1620 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(101, 90, 66) }
```


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

```
.border{ border-color:rgb(101, 90, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 90, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 90, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 90, 66);  
box-shadow:4px 4px 4px 4px rgb(101, 90,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 90.5530, -12.1046, 9.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 90, 66) }
```

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

```
.background{ background-color: rgb(101, 90,  
66) }
```

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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