

Converting Colors

YUV(90.3870, -7.0928, -11.7404)

Have a look what the booklet for
YUV(90.3870, -7.0928, -11.7404)
contains.

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Color

**YUV(90.3870, -7.0928,
-11.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	4D644C
RGB	77, 100, 76
RGB Percent	30%, 39%, 30%
CMY	0.6980, 0.6078, 0.7020
CMYK	0.23, 0.00, 0.24, 0.61
HSL	118°, 14%, 35%
HSV	118°, 24%, 39%
XYZ	8.9222, 11.2139, 8.5317
YIQ	90.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

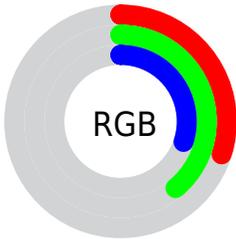
Format	Color
R_{YB}	76, 100, 99
Decimal	5071948
CIE Lab	39.94, -13.88, 10.86
CIE LCh	40, 17.622, 141.945
Yxy	11.2139, 0.3112, 0.3912
Android (android.graphics.Color)	4283262028 (0xFF4D644C)
YUV	90.3870, -7.0928, -11.7404
Hunter-Lab	33.4872, -11.0435, 8.3354

Details

The YUV color **90.3870, -7.0928, -11.7404** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.6130, 7.0928, 11.7404**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5610, -7.6716, -12.7700**, and **44.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **86.2570, -9.9867, -16.8884**, and if you desaturate by 10%, it is **94.5170, -4.1989, -6.5924**.

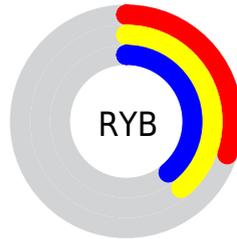
Distribution



Red (30%)

Green (39%)

Blue (30%)



Red (30%)

Yellow (39%)

Blue (39%)

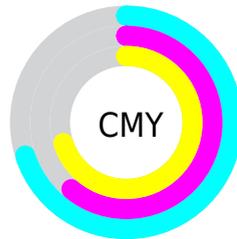


Cyan (23%)

Magenta (0%)

Yellow (24%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3870, -7.0928, -11.7404 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 90.3870, -7.0928, -11.7404 by changing the saturation by 10% instead.

■ 90.3870, -7.0928,
-11.7404

■ 90.3870, -7.0928,
-11.7404

255.0000, 0.0000,
0.0000

■ 66.8000, -6.8034,
-11.2256

■ 140.5610, -7.6716,
-12.7700

■ 44.3270, -6.0772,
-10.8108

■ 167.1480, -7.9610,
-13.2848

■ 23.3980, -7.0982,
-9.9960

■ 194.1480, -7.9610,
-13.2848

■ 0.0000, 0.0000,
0.0000

■ 222.0340, -8.3978,
-13.1848

■ 246.5120, -6.6614,
-10.0960

■ 90.3870, -7.0928,
-11.7404

■ 90.3870, -7.0928,
-11.7404

■ 86.2570, -9.9867,
-16.8884

■ 94.5170, -4.1989,
-6.5924

■ 82.4260, -13.0280,
-21.4216

■ 98.3480, -1.1576,
-2.0592

■ 78.2960, -15.9219,
-26.5696

■ 102.4780, 1.7363,
3.0888

■ 74.4650, -18.9632,
-31.1028

■ 106.3090, 4.7777,
7.6220

■ 70.3350, -21.8572,
-36.2508

■ 110.4390, 7.6716,
12.7700

■ 66.2050, -24.7511,
-41.3988

■ 114.5690, 10.5655,
17.9180

■ 62.3740, -27.7924,
-45.9320

■ 118.4000, 13.6068,
22.4512

■ 59.8960, -29.5287,

■ 122.5300, 16.5007,

-49.0208

27.5992

■ 126.3610, 19.5420,
32.1324

Harmonies

Analogous

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



91.7970, -12.2249, 1.0550



90.3870, -7.0928, -11.7404



88.3730, 0.8021, -24.0061

Triad

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



90.3870, -7.0928, -11.7404



92.0760, 14.7525, -18.4837



95.6610, -5.7489, 23.9763

Complementary

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



90.3870, -7.0928, -11.7404



85.6130, 7.0928, 11.7404

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.



96.4740, 1.2453, 20.6323



90.3870, -7.0928, -11.7404



95.0070, 12.8145, -3.5141

Square

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



90.3870, -7.0928, -11.7404



88.0700, 13.7695, -29.8794



96.4280, 7.6770, 11.0256



94.8580, -11.2690, 21.1725

Rectangle

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



90.3870, -7.0928, -11.7404



87.1210, 6.3493, -29.9241



96.4280, 7.6770, 11.0256



96.2310, -3.5649, 23.4764

Sweetspot

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



90.3870, -7.0928, -11.7404



126.2830, -2.6045, -4.6332



96.6770, -10.1938, 2.9143



63.9350, -1.4470, -2.5740



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.



90.3870, -7.0928, -11.7404



114.9040, -11.2917, -18.3328



91.3420, -2.1406, -13.4549



48.9350, -1.4470, -2.5740



69.0000, -34.0170, -56.1280



145.0440, -71.5067, -118.4336

Inverse Universe

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



85.6130, 7.0928, 11.7404



107.0960, 11.2917, 18.3328



84.6580, 2.1406, 13.4549



48.0650, 1.4470, 2.5740



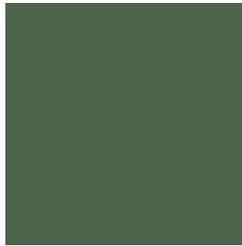
46.0000, 34.0170, 56.1280



96.9560, 71.5067, 118.4336

Previews

White Background



This preview shows how the YUV color 90.3870, -7.0928, -11.7404 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 90.3870, -7.0928, -11.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

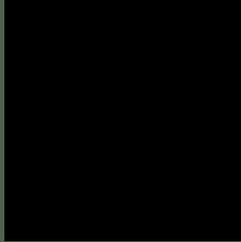
Any Text WCAG AA × Fail

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 90.3870, -7.0928, -11.7404 Background



This preview shows how black text looks on a background with the YUV color 90.3870, -7.0928, -11.7404.



This preview shows how white text looks on a background with the YUV color 90.3870, -7.0928, -11.7404.

-11.7404.

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

90.3870, -7.0928, -11.7404

Protanopia

93.4000, -10.0572, 5.7882

Deuteranopia

94.0140, -7.8949, 12.2657



Tritanopia

92.7260, 5.5581, -9.4067

Trichromacy



Original Color

90.3870, -7.0928, -11.7404

Protanomaly

92.2960, -9.0199, -0.2596

Deuteranomaly

92.9590, -7.8678, 3.5440

Tritanomaly

91.5750, 1.1955, -10.1513

Monochromacy



Original Color

90.3870, -7.0928, -11.7404

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3870, -7.0928, -11.7404 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(77, 100, 76)` looks like.

```
.text, #text, p{  
    color:rgb(77, 100, 76)  
}
```

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(77, 100, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 100, 76) }
```

Border

The CSS property to change the border of an element to YUV 90.3870, -7.0928, -11.7404 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(77, 100, 76) }
```


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

```
.border{ border-color:rgb(77, 100, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 100, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 100, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 100, 76);  
box-shadow:4px 4px 4px 4px rgb(77, 100,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 90.3870, -7.0928, -11.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 100, 76) }
```

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

```
.background{ background-color: rgb(77, 100,  
76) }
```

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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