

Converting Colors

YUV(90.8490, -7.8136, -13.8996)

Have a look what the booklet for
YUV(90.8490, -7.8136, -13.8996)
contains.

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Color

**YUV(90.8490, -7.8136,
-13.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	4B664B
RGB	75, 102, 75
RGB Percent	29%, 40%, 29%
CMY	0.7059, 0.6000, 0.7059
CMYK	0.26, 0.00, 0.26, 0.60
HSL	120°, 15%, 35%
HSV	120°, 26%, 40%
XYZ	8.9230, 11.5066, 8.4073
YIQ	90.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

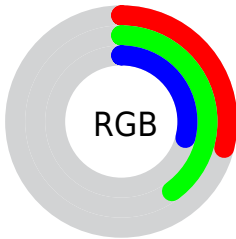
Format	Color
R_{YB}	75, 102, 102
Decimal	4941387
CIE _{Lab}	40.42, -15.95, 12.11
CIE _{LCh}	40, 20.027, 142.785
Yxy	11.5066, 0.3094, 0.3990
Android (android.graphics.Color)	4283131467 (0xFF4B664B)
YUV	90.8490, -7.8136, -13.8996
Hunter-Lab	33.9214, -12.4080, 9.0501

Details


The YUV color $90.8490, -7.8136, -13.8996$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $86.1510, 7.8136, 13.8996$, and the grayscale version is $91.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $141.0230, -8.3923, -14.9292$, and $44.7890, -6.7980, -12.9700$ is the 20% darker color. If you saturate the color by 10%, you get $86.7190, -10.7075, -19.0476$, and if you desaturate by 10%, it is $94.9790, -4.9196, -8.7516$.

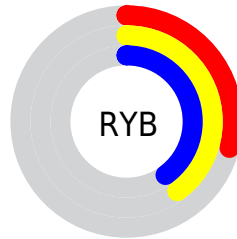
Distribution



 Red (29%)

 Green (40%)

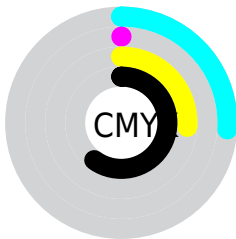
 Blue (29%)



 Red (29%)

 Yellow (40%)

 Blue (40%)

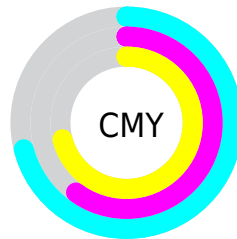


 Cyan (26%)


 Magenta (0%)

 Yellow (26%)

 Black (60%)



 Cyan (71%)

 Magenta (60%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8490, -7.8136, -13.8996 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 90.8490, -7.8136, -13.8996 by changing the saturation by 10% instead.

■ 90.8490, -7.8136,
-13.8996

■ 90.8490, -7.8136,
-13.8996

255.0000, 0.0000,
0.0000

■ 67.2620, -7.5242,
-13.3848

■ 141.0230, -8.3923,
-14.9292

■ 44.7890, -6.7980,
-12.9700

■ 167.9090, -8.8291,
-14.8292

■ 22.9740, -7.3822,
-12.2552

■ 195.0830, -9.4079,
-15.8588

■ 1.7610, -0.8682,
-1.5444

■ 223.0830, -9.4079,
-15.8588

■ 0.0000, 0.0000,
0.0000

■ 245.8000, -6.8034,
-11.2256

■ 90.8490, -7.8136,
-13.8996

■ 90.8490, -7.8136,
-13.8996

■ 86.7190, -10.7075,
-19.0476

■ 94.9790, -4.9196,
-8.7516

■ 82.5890, -13.6014,
-24.1956

■ 99.1090, -2.0257,
-3.6036

■ 78.0460, -16.7847,
-29.8583

■ 103.6520, 1.1576,
2.0592

■ 73.9160, -19.6786,
-35.0063

■ 107.7820, 4.0515,
7.2072

■ 69.7860, -22.5725,
-40.1543

■ 111.9120, 6.9454,
12.3552

■ 65.6560, -25.4664,
-45.3023

■ 116.0420, 9.8393,
17.5032

■ 61.5260, -28.3603,
-50.4503

■ 120.1720, 12.7332,
22.6512

■ 59.8740, -29.5179,

■ 124.7150, 15.9165,

-52.5095

28.3139

■ 128.8450, 18.8104,
33.4619

Harmonies

Analogous

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



93.0420, -13.8247, 0.8402



90.8490, -7.8136, -13.8996



88.1660, 1.3972, -28.2096

Triad

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



90.8490, -7.8136, -13.8996



92.3360, 17.0894, -21.3427



97.0420, -6.9227, 27.1502

Complementary

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



90.8490, -7.8136, -13.8996



86.1510, 7.8136, 13.8996

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.



97.4960, 1.2345, 24.1210



90.8490, -7.8136, -13.8996



95.7620, 14.4143, -3.2993

Square

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



90.8490, -7.8136, -13.8996



87.7210, 16.4065, -35.7123



97.6670, 8.5452, 12.5700



95.8260, -12.7322, 23.8316

Rectangle

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



90.8490, -7.8136, -13.8996



86.4300, 7.6760, -35.4571



97.6670, 8.5452, 12.5700



97.1390, -4.0125, 27.0651

Sweetspot

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



90.8490, -7.8136, -13.8996



128.4570, -3.1833, -5.6628



98.9220, -11.7935, 2.6994



63.5220, -1.7363, -3.0888



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.



90.8490, -7.8136, -13.8996



115.2410, -12.4438, -22.1364



92.4450, -1.6984, -15.2993



48.9350, -1.4470, -2.5740



67.5050, -33.2800, -59.2019



142.0540, -70.0326, -124.5814

Inverse Universe

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



86.1510, 7.8136, 13.8996



107.7590, 12.4438, 22.1364



84.6690, 2.1352, 15.1993



48.0650, 1.4470, 2.5740



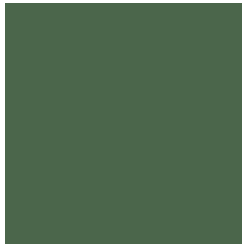
47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 90.8490, -7.8136, -13.8996 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 90.8490, -7.8136, -13.8996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

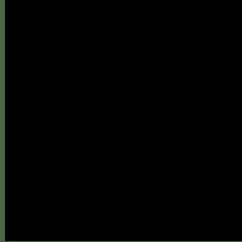
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8490, -7.8136, -13.8996

Background



This preview shows how black text looks on a background with the YUV color 90.8490, -7.8136, -13.8996.



This preview shows how white text looks on a background with the YUV color 90.8490, -7.8136,

-13.8996.

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

90.8490, -7.8136, -13.8996

Protanopia

94.4710, -11.0782, 6.6029

Deuteranopia

95.0850, -8.9159, 13.0805



Tritanopia

93.5300, 6.1477, -11.8658

Trichromacy



Original Color

90.8490, -7.8136, -13.8996

Protanomaly

93.3560, -10.0355, -1.1892

Deuteranomaly

93.4320, -8.5940, 3.1291

Tritanomaly

92.2650, 1.3484, -12.5104

Monochromacy



Original Color

90.8490, -7.8136, -13.8996

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8700, -2.8939, -5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8490, -7.8136, -13.8996 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(75, 102, 75)` looks like.

```
.text, #text, p{  
    color:rgb(75, 102, 75)  
}
```

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(75, 102, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 102, 75) }
```

Border

The CSS property to change the border of an element to YUV 90.8490, -7.8136, -13.8996 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(75, 102, 75) }
```


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

```
.border{ border-color:rgb(75, 102, 75) }
```

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

Here you see how a box with a 4 pixel rgb(75, 102, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 102, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 102, 75);  
box-shadow:4px 4px 4px 4px rgb(75, 102,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 90.8490, -7.8136, -13.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 102, 75) }
```

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

```
.background{ background-color: rgb(75, 102,  
75) }
```

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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