

Converting Colors

YUV(89.7950, 4.0451, -37.5312)

Have a look what the booklet for
YUV(89.7950, 4.0451, -37.5312)
contains.

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Color

**YUV(89.7950, 4.0451,
-37.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6E62
RGB	47, 110, 98
RGB Percent	18%, 43%, 38%
CMY	0.8157, 0.5686, 0.6157
CMYK	0.57, 0.00, 0.11, 0.57
HSL	169°, 40%, 31%
HSV	169°, 57%, 43%
XYZ	8.9528, 12.6380, 13.5228
YIQ	89.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

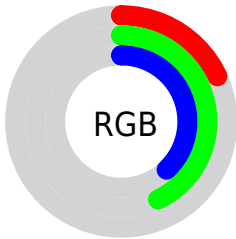
Format	Color
R_{YB}	47, 82, 110
Decimal	3108450
CIE _{Lab}	42.21, -23.42, 0.58
CIE _{LCh}	42, 23.426, 178.577
Yxy	12.6380, 0.2550, 0.3599
Android (android.graphics.Color)	4281298530 (0xFF2F6E62)
YUV	89.7950, 4.0451, -37.5312
Hunter-Lab	35.5500, -17.2596, 2.3318




Details

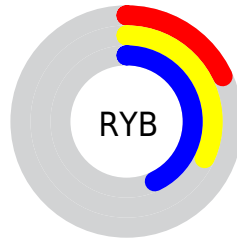
The YUV color **89.7950, 4.0451, -37.5312** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **67.2050, -4.0451, 37.5312**, and the grayscale version is **90.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **141.6810, 3.6083, -37.4312**, and **42.3220, 4.7713, -37.1164** is the 20% darker color. If you saturate the color by 10%, you get **86.2780, 4.7929, -44.0938**, and if you desaturate by 10%, it is **93.3120, 3.2972, -30.9686**.

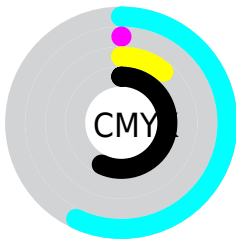
Distribution







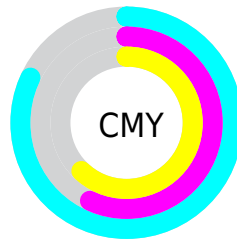
-  Red (18%)
-  Green (43%)
-  Blue (38%)






-  Red (18%)
-  Yellow (32%)
-  Blue (43%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (57%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7950, 4.0451, -37.5312 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 89.7950, 4.0451, -37.5312 by changing the saturation by 10% instead.

89.7950, 4.0451,
-37.5312

89.7950, 4.0451,
-37.5312

255.0000, 0.0000,
0.0000

63.7130, 5.0715,
-40.0903

141.6810, 3.6083,
-37.4312

42.3220, 4.7713,
-37.1164

168.5670, 3.1715,
-37.3313

26.4270, 2.2545,
-23.1765

196.2680, 3.3189,
-37.9460

9.4890, -1.7201,
-8.3219

224.5560, 3.1769,
-39.0756

0.0000, 0.0000,
0.0000

240.9470, 6.9281,
-28.8945

249.6180, 2.6533,

-11.0660

■ 89.7950, 4.0451,
-37.5312

■ 89.7950, 4.0451,
-37.5312

■ 86.2780, 4.7929,
-44.0938

■ 93.3120, 3.2972,
-30.9686

■ 82.7610, 5.5408,
-50.6564

■ 96.8290, 2.5493,
-24.4060

■ 79.2440, 6.2887,
-57.2190

■ 100.3460, 1.8014,
-17.8434

■ 75.7270, 7.0366,
-63.7816

■ 103.8630, 1.0535,
-11.2809

■ 74.7160, 7.0420,
-65.5259

■ 107.3800, 0.3057,
-4.7183

■ 111.0110, -0.0054,
1.7444

■ 114.5280, -0.7533,
8.3069

■ 118.0450, -1.5012,
14.8695

■ 121.5620, -2.2491,
21.4321

Harmonies

Analogous

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



93.6310, -7.2131, -19.8474



89.7950, 4.0451, -37.5312



86.5790, 14.9976, -50.4968

Triad

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



89.7950, 4.0451, -37.5312



101.1260, 15.7139, -0.1105



99.6260, -16.0846, 25.7610

Complementary

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



89.7950, 4.0451, -37.5312



67.2050, -4.0451, 37.5312

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.



100.7930, -9.2649, 31.7535



89.7950, 4.0451, -37.5312



102.1130, 8.8183, 18.3179

Square

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



89.7950, 4.0451, -37.5312



96.8350, 20.2943, -22.6573



102.0730, -0.5290, 29.7540



98.5660, -18.5200, 13.5356

Rectangle

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



89.7950, 4.0451, -37.5312



88.1540, 19.6441, -47.4931



102.0730, -0.5290, 29.7540



100.1040, -14.3483, 28.8498

Sweetspot

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



89.7950, 4.0451, -37.5312



135.2540, 1.3538, -14.2548



87.8680, -20.1479, -24.4402



66.5860, 1.1901, -8.4069



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.



89.7950, 4.0451, -37.5312



111.2330, 6.2941, -58.9633



80.0100, 14.7851, -28.9498



54.0920, 0.4476, -3.5887



81.4980, 7.6425, -71.4737



167.7890, 15.8800, -147.1510

Inverse Universe

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



67.2050, -4.0451, 37.5312



75.7670, -6.2941, 58.9633



76.9900, -14.7851, 28.9498



52.0220, -0.0108, 3.4887



38.5020, -7.6425, 71.4737



79.2110, -15.8800, 147.1510

Previews

White Background



This preview shows how the YUV color 89.7950, 4.0451, -37.5312 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 89.7950, 4.0451, -37.5312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

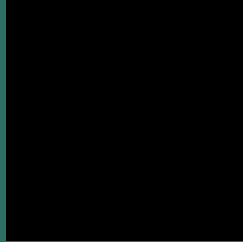
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7950, 4.0451, -37.5312

Background



This preview shows how black text looks on a background with the YUV color 89.7950, 4.0451, -37.5312.



This preview shows how white text looks on a background with the YUV color 89.7950, 4.0451, -37.5312.

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

89.7950, 4.0451, -37.5312

Protanopia

99.3980, -3.6472, 3.1590

Deuteranopia

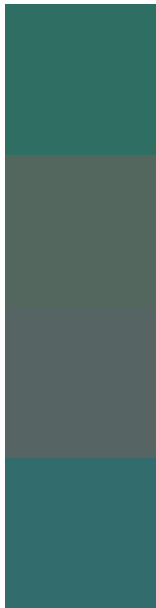
100.1580, 0.4151, 6.8774



Tritanopia

92.1790, 11.7438, -33.4830

Trichromacy



Original Color

89.7950, 4.0451, -37.5312

Protanomaly

95.9940, -0.9830, -11.3957

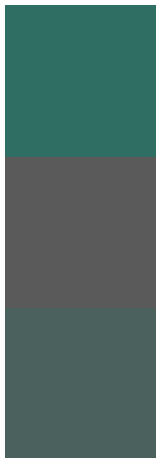
Deuteranomaly

96.4010, 1.7743, -9.1217

Tritanomaly

91.0710, 8.8390, -35.1423

Monochromacy



Original Color

89.7950, 4.0451, -37.5312

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6670, 1.6432, -13.7400

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7950, 4.0451, -37.5312 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(47, 110, 98)` looks like.

```
.text, #text, p{  
    color:rgb(47, 110, 98)  
}
```

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(47, 110, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 110, 98) }
```

Border

The CSS property to change the border of an element to YUV 89.7950, 4.0451, -37.5312 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(47, 110, 98) }
```


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

```
.border{ border-color:rgb(47, 110, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 110, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 110, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 110, 98);  
box-shadow:4px 4px 4px 4px rgb(47, 110,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 89.7950, 4.0451, -37.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 110, 98) }
```

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

```
.background{ background-color: rgb(47, 110,  
98) }
```

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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