

Converting Colors

YUV(13.7650, 40.0489,
-12.0719)

Have a look what the booklet for
YUV(13.7650, 40.0489, -12.0719)
contains.

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Color

**YUV(13.7650, 40.0489,
-12.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	00055F
RGB	0, 5, 95
RGB Percent	0%, 2%, 37%
CMY	1.0000, 0.9804, 0.6275
CMYK	1.00, 0.95, 0.00, 0.63
HSL	237°, 100%, 19%
HSV	237°, 100%, 37%
XYZ	2.1198, 0.9348, 10.8952
YIQ	13.7650, -31.8700, 26.9300

Conversions

Conversions Part 2

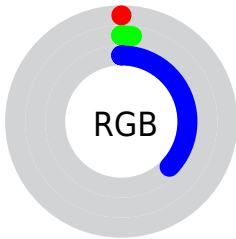
Format	Color
RYB	0, 5, 95
Decimal	1375
CIELab	8.44, 35.42, -50.72
CIELCh	8, 61.862, 304.925
Yxy	0.9348, 0.1520, 0.0670
Android (android.graphics.Color)	4278191455 (0xFF00055F)
YUV	13.7650, 40.0489, -12.0719
Hunter-Lab	9.6683, 22.2175, -60.0457

Details

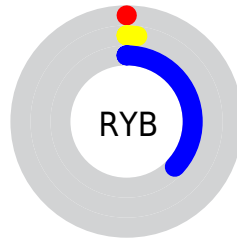
The YUV color **13.7650, 40.0489, -12.0719** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **81.2350, -40.0489, 12.0719**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.4510, 39.7107, 3.1125**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **13.7650, 40.0489, -12.0719**, and if you desaturate by 10%, it is **21.7390, 36.1177, -11.1721**.

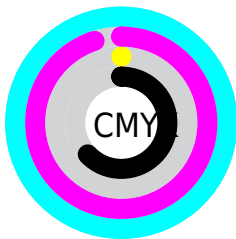
Distribution



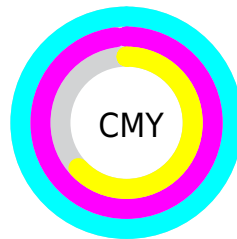
- Red (0%)
- Green (2%)
- Blue (37%)



- Red (0%)
- Yellow (2%)
- Blue (37%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.7650, 40.0489, -12.0719 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 13.7650, 40.0489, -12.0719 by changing the saturation by 10% instead.

■ 13.7650, 40.0489,
-12.0719

■ 13.7650, 40.0489,
-12.0719

■ 240.9120, 6.9454,
12.3552

■ 8.0940, 31.0127,
-7.0984

■ 66.4510, 39.7107,
3.1125

■ 7.7060, 19.3719,
-6.7582

■ 91.9890, 40.4314,
5.2716

■ 3.4370, 10.6306,
-3.0142

■ 117.3420, 41.7364,
6.7161

■ 0.0000, 0.0000,
0.0000

■ 143.5810, 42.6046,
8.2605

■ 170.0650, 41.8730,
9.5900

■ 194.5850, 29.7846,

13.5190

■ 219.6920, 17.4068,
16.9331

■ 13.7650, 40.0489,
-12.0719

■ 21.7390, 36.1177,
-11.1721

■ 30.0120, 32.0391,
-9.6575

■ 38.2850, 27.9605,
-8.1429

■ 46.2590, 24.0293,
-7.2431

■ 54.5320, 19.9507,
-5.7286

■ 62.5060, 16.0195,
-4.8288

■ 70.7790, 11.9410,
-3.3142

■ 78.7530, 8.0098,
-2.4144

■ 87.0260, 3.9312,
-0.8998

Harmonies

Analogous

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



30.8510, 39.5135, -27.0563



13.7650, 40.0489, -12.0719



28.6670, 15.4472, 38.8800

Triad

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



13.7650, 40.0489, -12.0719



19.1030, -9.4178, 34.1127



25.2530, 2.8333, -22.1469

Complementary

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



13.7650, 40.0489, -12.0719



81.2350, -40.0489, 12.0719

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.



21.1320, -10.4181, -18.5328



13.7650, 40.0489, -12.0719



23.0360, -11.3567, 2.5994

Square

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



13.7650, 40.0489, -12.0719



23.9200, -11.7926, 49.1822



21.1320, -10.4181, -18.5328



31.1010, 20.1632, -27.2756

Rectangle

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



13.7650, 40.0489, -12.0719



29.4760, 1.7373, 49.5715



21.1320, -10.4181, -18.5328



22.8420, -3.8661, -20.0324

Sweetspot

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



13.7650, 40.0489, -12.0719



91.2780, 15.1459, -4.6288



65.9110, 11.3829, -57.8039



42.0950, 9.3202, -2.7143



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



13.7650, 40.0489, -12.0719



17.4300, 51.5530, -15.2861



23.0890, 35.4521, 15.7079



44.4560, 1.7472, -0.3999



16.2900, 47.1850, -14.2863



34.9910, 101.0694, -30.6871

Inverse Universe

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



28.9750, -11.8197, 57.9039



37.1620, -15.3629, 74.4029



71.9110, -35.4521, -15.7079



45.1960, -0.5896, 2.4591



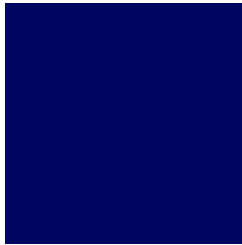
34.1720, -13.8888, 68.2552



73.2420, -29.6993, 146.2468

Previews

White Background



This preview shows how the YUV color 13.7650, 40.0489, -12.0719 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 ✓ Pass

Black Background



This preview shows how the YUV color 13.7650, 40.0489, -12.0719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

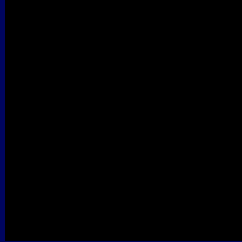
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.7650, 40.0489, -12.0719

Background



This preview shows how black text looks on a background with the YUV color 13.7650, 40.0489, -12.0719.



This preview shows how white text looks on a background with the YUV color 13.7650, 40.0489,

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

13.7650, 40.0489, -12.0719

Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

23.3100, 13.1582, -20.4429



Tritanopia

22.6600, 5.5906, -19.8728

Trichromacy



Original Color

13.7650, 40.0489, -12.0719

Protanomaly

19.9480, 25.6616, -17.4944

Deuteranomaly

19.8510, 22.7515, -17.4093

Tritanomaly

19.2980, 18.0941, -16.9243

Monochromacy



Original Color

13.7650, 40.0489, -12.0719

Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

14.0500, 14.2723, -4.4289

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.7650, 40.0489, -12.0719 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(0, 5, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 5, 95)  
}
```

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(0, 5, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 5, 95) }
```

Border

The CSS property to change the border of an element to YUV 13.7650, 40.0489, -12.0719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

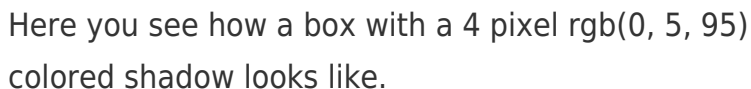
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 5, 95) }
```


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

```
.border{ border-color:rgb(0, 5, 95) }
```

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



Here you see how a box with a 4 pixel `rgb(0, 5, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 5, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 5, 95); box-shadow:4px  
4px 4px 4px rgb(0, 5, 95) }
```

Background

The CSS property to change the background color of an element to YUV 13.7650, 40.0489, -12.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 5, 95) }
```

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

```
.background{ background-color: rgb(0, 5,  
95) }
```

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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