

Converting Colors

YUV(37.3960, -13.9992,
10.1767)

Have a look what the booklet for
YUV(37.3960, -13.9992, 10.1767)
contains.

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Color

**YUV(37.3960, -13.9992,
10.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	312509
RGB	49, 37, 9
RGB Percent	19%, 15%, 4%
CMY	0.8078, 0.8549, 0.9647
CMYK	0.00, 0.24, 0.82, 0.81
HSL	42°, 69%, 11%
HSV	42°, 82%, 19%
XYZ	1.9775, 1.9958, 0.5395
YIQ	37.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

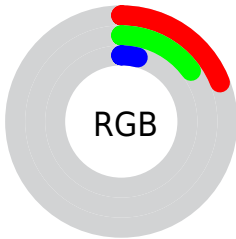
Format	Color
RYB	26, 49, 9
Decimal	3220745
CIELab	15.47, 1.89, 18.95
CIELCh	15, 19.043, 84.296
Yxy	1.9958, 0.4382, 0.4423
Android (android.graphics.Color)	4281410825 (0xFF312509)
YUV	37.3960, -13.9992, 10.1767
Hunter-Lab	14.1274, 0.2629, 7.6252

Details

The YUV color **37.3960, -13.9992, 10.1767** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.6040, 13.9992, -10.1767**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5920, -14.5889, 12.6358**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.2390, -15.8938, 11.1914**, and if you desaturate by 10%, it is **38.5530, -12.1046, 9.1620**.

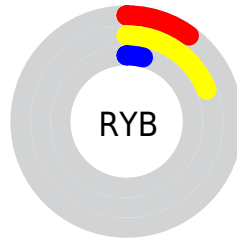
Distribution



Red (19%)

Green (15%)

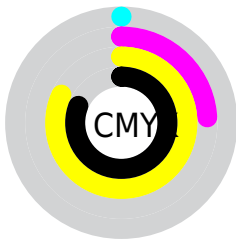
Blue (4%)



Red (10%)

Yellow (19%)

Blue (4%)

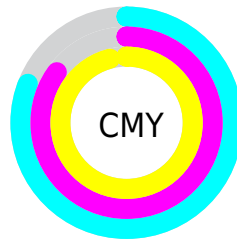


Cyan (0%)

Magenta (24%)

Yellow (82%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.3960, -13.9992, 10.1767 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 37.3960, -13.9992, 10.1767 by changing the saturation by 10% instead.

■ 37.3960, -13.9992,
10.1767

■ 37.3960, -13.9992,
10.1767

■ 252.6060, -9.1728,
2.0995

■ 17.4650, -8.6102,
8.3622

■ 82.5920, -14.5889,
12.6358

■ 0.0000, 0.0000,
0.0000

■ 107.3640,
-15.4625, 12.8358


■ 132.5490,
-16.0467, 13.5505


■ 158.7340,
-16.6309, 14.2653


■ 185.9190,
-17.2151, 14.9800


■ 213.2180,


-17.3625, 15.5948


 240.0220,
-16.7728, 13.1357


 37.3960, -13.9992,
10.1767


 37.3960, -13.9992,
10.1767


 36.2390, -15.8938,
11.1914


 38.5530, -12.1046,
9.1620

 34.6090, -17.0622,
12.6209

 40.2970, -10.4994,
7.6325

 41.4540, -8.6048,
6.6178

 43.1980, -6.9996,
5.0884

 44.3550, -5.1050,
4.0737

■ 45.9850, -3.9366,
2.6442

■ 47.1420, -2.0420,
1.6295

■ 48.8860, -0.4368,
0.1000

■ 50.0430, 1.4578,
-0.9147

Harmonies

Analogous

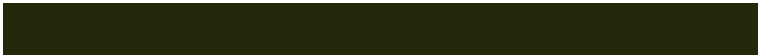
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.3630, -10.5320, 18.0986



37.3960, -13.9992, 10.1767



36.1990, -11.9301, -0.1745

Triad

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



37.3960, -13.9992, 10.1767



32.0010, 8.3805, -28.0649



40.3140, 7.2402, 11.1256

Complementary

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



37.3960, -13.9992, 10.1767



20.6040, 13.9992, -10.1767

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.



38.7790, 11.9410, -3.3142



37.3960, -13.9992, 10.1767



32.6680, 13.4747, -28.6498

Square

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



37.3960, -13.9992, 10.1767



30.5190, 2.7021, -26.7652



32.9720, 15.7898, -24.5314



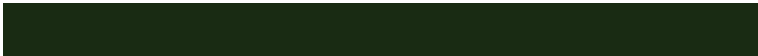
39.1750, 1.3927, 20.0175

Rectangle

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



37.3960, -13.9992, 10.1767



34.8820, -7.8298, -8.6665



32.9720, 15.7898, -24.5314



40.3350, 8.7088, 6.7222

Sweetspot

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



37.3960, -13.9992, 10.1767



59.2410, -5.5418, 4.1736



22.3280, -0.6547, 23.3913



30.2130, -3.0630, 2.4442



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



37.3960, -13.9992, 10.1767



45.6650, -22.0198, 16.0798



42.0480, -16.2927, -0.9191



25.0710, -1.0210, 0.8147



63.0050, -31.0615, 22.7976



154.1070, -75.9748, 55.1572

Inverse Universe

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



20.6040, 13.9992, -10.1767



19.3350, 22.0198, -16.0798



15.9520, 16.2927, 0.9191



23.9290, 1.0210, -0.8147



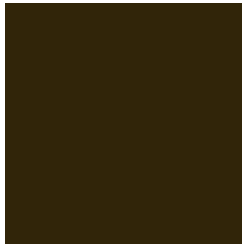
25.9950, 31.0615, -22.7976



62.8930, 75.9748, -55.1572

Previews

White Background



This preview shows how the YUV color 37.3960, -13.9992, 10.1767 looks on a white background.

Color Contrast Check

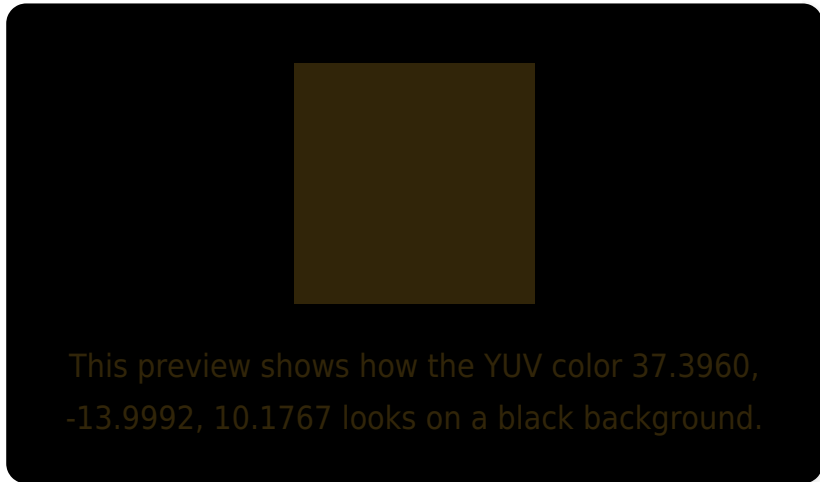
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

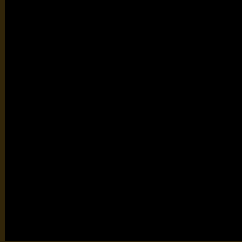
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.3960, -13.9992, 10.1767

Background



This preview shows how black text looks on a background with the YUV color 37.3960, -13.9992, 10.1767.

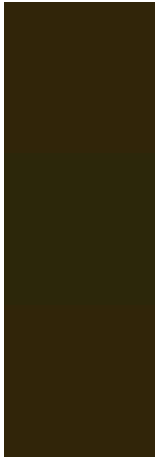


This preview shows how white text looks on a background with the YUV color 37.3960, -13.9992,

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

37.3960, -13.9992, 10.1767

Protanopia

37.1890, -13.4042, 5.9732

Deuteranopia

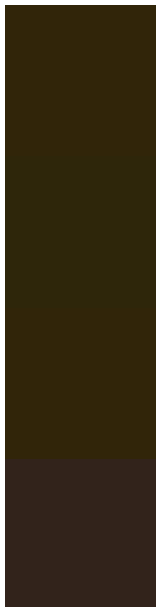
37.3960, -13.9992, 10.1767



Tritanopia

39.4250, -1.1955, 10.1513

Trichromacy



Original Color

37.3960, -13.9992, 10.1767

Protanomaly

37.2000, -13.4096, 7.7176

Deuteranomaly

37.3960, -13.9992, 10.1767

Tritanomaly

38.5730, -5.7055, 10.0215

Monochromacy



Original Color

37.3960, -13.9992, 10.1767

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.3960, -13.9992, 10.1767 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(49, 37, 9)` looks like.

```
.text, #text, p{  
    color:rgb(49, 37, 9)  
}
```

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(49, 37, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 37, 9) }
```

Border

The CSS property to change the border of an element to YUV 37.3960, -13.9992, 10.1767 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(49, 37, 9) }
```


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

```
.border{ border-color:rgb(49, 37, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 37, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 37, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 37, 9); box-shadow:4px  
4px 4px 4px rgb(49, 37, 9) }
```

Background

The CSS property to change the background color of an element to YUV 37.3960, -13.9992, 10.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 37, 9) }
```

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

```
.background{ background-color: rgb(49, 37,  
9) }
```

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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