

Converting Colors

YUV(37.6090, -0.3002, 2.9739)

Have a look what the booklet for
YUV(37.6090, -0.3002, 2.9739)
contains.

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Color

**YUV(37.6090, -0.3002,
2.9739)**

Conversions

Conversions Part 1

Format	Color
Hex	292425
RGB	41, 36, 37
RGB Percent	16%, 14%, 15%
CMY	0.8392, 0.8588, 0.8549
CMYK	0.00, 0.12, 0.10, 0.84
HSL	348°, 6%, 15%
HSV	348°, 12%, 16%
XYZ	1.8793, 1.8667, 2.0115
YIQ	37.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

Format	Color
RYB	41, 36, 37
Decimal	2696229
CIELab	14.77, 2.57, 0.18
CIELCh	15, 2.572, 4.093
Yxy	1.8667, 0.3264, 0.3242
Android (android.graphics.Color)	4280886309 (0xFF292425)
YUV	37.6090, -0.3002, 2.9739
Hunter-Lab	13.6629, 0.6417, 0.8350

Details

The YUV color **37.6090, -0.3002, 2.9739** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.3910, 0.3002, -2.9739**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0220, -0.0108, 3.4887**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.9190, -0.4531, 5.3330**, and if you desaturate by 10%, it is **40.2990, -0.1474, 0.6148**.

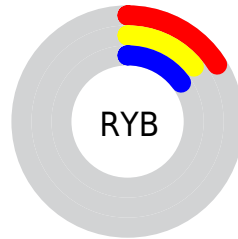
Distribution



Red (16%)

Green (14%)

Blue (15%)



Red (16%)

Yellow (14%)

Blue (15%)



Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6090, -0.3002, 2.9739 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 37.6090, -0.3002, 2.9739 by changing the saturation by 10% instead.

■ 37.6090, -0.3002,
2.9739

■ 37.6090, -0.3002,
2.9739

255.0000, 0.0000,
0.0000

■ 16.9080, -0.4476,
3.5887

■ 82.0220, -0.0108,
3.4887

■ 0.0000, 0.0000,
0.0000

■ 106.0220, -0.0108,
3.4887

■ 131.9080, -0.4476,
3.5887

■ 157.9080, -0.4476,
3.5887

■ 184.3210, -0.1583,
4.1035

■ 212.2070, -0.5951,

4.2035

■ 240.3210, -0.1583,
4.1035

■ 37.6090, -0.3002,
2.9739

■ 37.6090, -0.3002,
2.9739

■ 34.9190, -0.4531,
5.3330

■ 40.2990, -0.1474,
0.6148

■ 32.1150, -1.0427,
7.7921

■ 43.1030, 0.4422,
-1.8443

■ 29.4250, -1.1955,
10.1513

■ 45.7930, 0.5951,
-4.2035

■ 26.7350, -1.3484,
12.5104

■ 48.4830, 0.7479,
-6.5626

■ 23.4580, -1.2118,
15.3843

■ 51.1730, 0.9007,
-8.9217

■ 20.6540, -1.8014,
17.8434

■ 54.5640, 1.2009,
-11.8956

■ 17.9640, -1.9543,
20.2026

■ 57.2540, 1.3538,
-14.2548

■ 15.2740, -2.1071,
22.5617

■ 59.9440, 1.5066,
-16.6139

■ 13.1710, -2.5493,
24.4060

■ 62.7480, 2.0962,
-19.0730

Harmonies

Analogous

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



37.5380, 0.7208, 2.1592



37.6090, -0.3002, 2.9739



37.3810, -1.1738, 3.1739

Triad

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



37.6090, -0.3002, 2.9739



36.9460, -1.4524, -0.8296



37.0320, 1.4632, -2.6591

Complementary

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



37.6090, -0.3002, 2.9739



39.3910, 0.3002, -2.9739

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.



36.6190, 1.1738, -3.1739



37.6090, -0.3002, 2.9739



36.5760, -0.2840, -2.2592

Square

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



37.6090, -0.3002, 2.9739



36.9570, -1.4578, 0.9147



36.3910, 0.3002, -2.9739



37.1570, 1.8946, -1.0147

Rectangle

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



37.6090, -0.3002, 2.9739



37.2670, -1.6106, 3.2738



36.3910, 0.3002, -2.9739



36.7330, 1.6106, -3.2738

Sweetspot

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



37.6090, -0.3002, 2.9739



52.0110, -0.0054, 1.7444



37.7660, 1.5944, 1.9592



27.2990, -0.1474, 0.6148



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



37.6090, -0.3002, 2.9739



48.5060, -0.7425, 4.8182



38.0820, -1.0264, 2.5591



18.7120, 0.1420, 1.1296



27.0540, -4.9566, 49.9416



68.1760, -12.9048, 126.1336

Inverse Universe

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



37.6090, -0.3002, 2.9739



48.5060, -0.7425, 4.8182



38.3310, 1.3158, -2.0443



18.7120, 0.1420, 1.1296



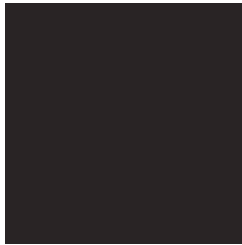
27.0540, -4.9566, 49.9416



68.1760, -12.9048, 126.1336

Previews

White Background



This preview shows how the YUV color 37.6090, -0.3002, 2.9739 looks on a white background.

Color Contrast Check

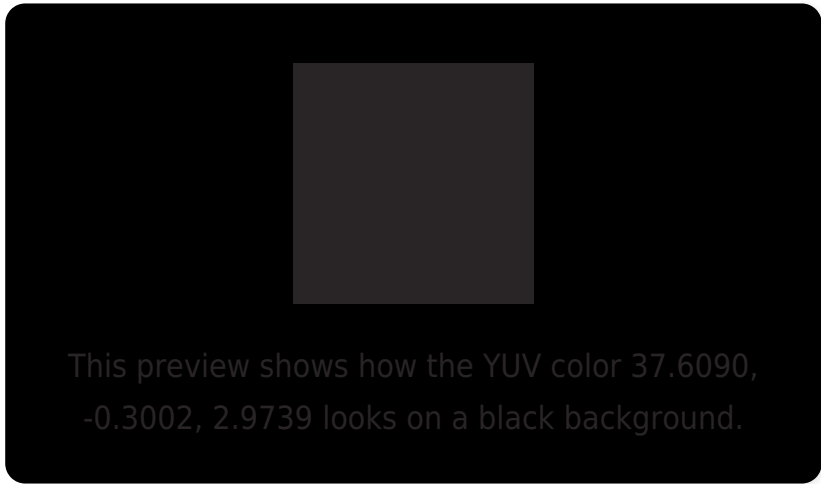
Large Text (above 18pt) WCAG AA ✓ Pass

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

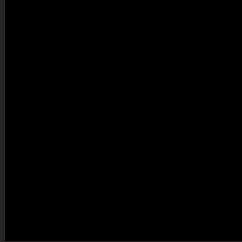
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6090, -0.3002, 2.9739

Background



This preview shows how black text looks on a background with the YUV color 37.6090, -0.3002, 2.9739.

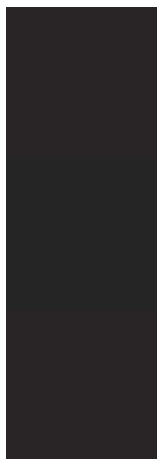


This preview shows how white text looks on a background with the YUV color 37.6090, -0.3002,

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

37.6090, -0.3002, 2.9739

Protanopia

37.4130, 0.2894, 0.5148

Deuteranopia

37.6090, -0.3002, 2.9739



Tritanopia

37.8370, 0.5734, 2.7740

Trichromacy



Original Color

37.6090, -0.3002, 2.9739

Protanomaly

37.7120, 0.1420, 1.1296

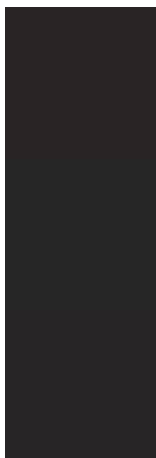
Deuteranomaly

37.6090, -0.3002, 2.9739

Tritanomaly

37.7230, 0.1366, 2.8739

Monochromacy



Original Color

37.6090, -0.3002, 2.9739

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7120, 0.1420, 1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6090, -0.3002, 2.9739 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(41, 36, 37)` looks like.

```
.text, #text, p{  
    color:rgb(41, 36, 37)  
}
```

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(41, 36, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 36, 37) }
```

Border

The CSS property to change the border of an element to YUV 37.6090, -0.3002, 2.9739 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(41, 36, 37) }
```


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

```
.border{ border-color:rgb(41, 36, 37) }
```

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

Here you see how a box with a 4 pixel rgb(41, 36, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 36, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 36, 37);  
box-shadow:4px 4px 4px 4px rgb(41, 36, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.6090, -0.3002, 2.9739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 36, 37) }
```

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

```
.background{ background-color: rgb(41, 36,  
37) }
```

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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