

Converting Colors

YUV(36.6730, 12.9792, 37.1208)

Have a look what the booklet for
YUV(36.6730, 12.9792, 37.1208)
contains.

YUV(36.6730, 12.9792, 37.1208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(36.6730, 12.9792,
37.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0A3F
RGB	79, 10, 63
RGB Percent	31%, 4%, 25%
CMY	0.6902, 0.9608, 0.7529
CMYK	0.00, 0.87, 0.20, 0.69
HSL	314°, 78%, 17%
HSV	314°, 87%, 31%
XYZ	4.2302, 2.2382, 4.9117
YIQ	36.6730, 24.1110, 31.1110

Conversions

Conversions Part 2

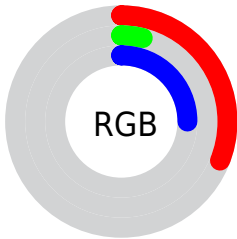
Format	Color
RYB	79, 10, 63
Decimal	5179967
CIELab	16.69, 36.28, -14.83
CIElCh	17, 39.198, 337.766
Yxy	2.2382, 0.3717, 0.1967
Android (android.graphics.Color)	4283370047 (0xFF4F0A3F)
YUV	36.6730, 12.9792, 37.1208
Hunter-Lab	14.9607, 24.2903, -8.9928

Details

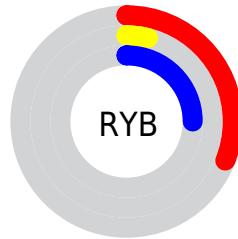
The YUV color **36.6730, 12.9792, 37.1208** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.3270, -12.9792, -37.1208**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.2170, 11.2320, 37.5207**, and **11.8480, 4.0189, 17.6733** is the 20% darker color. If you saturate the color by 10%, you get **31.7490, 14.4207, 41.4391**, and if you desaturate by 10%, it is **41.5970, 11.5377, 32.8024**.

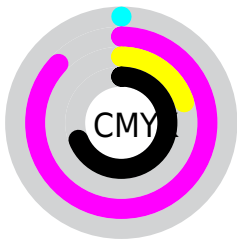
Distribution



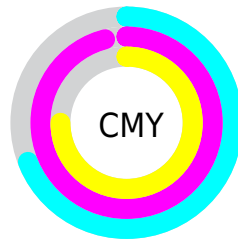
- Red (31%)
- Green (4%)
- Blue (25%)



- Red (31%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (87%)
- Yellow (20%)
- Black (69%)





- Cyan (69%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 36.6730, 12.9792, 37.1208 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 36.6730, 12.9792, 37.1208 by changing the saturation by 10% instead.


 36.6730, 12.9792,
37.1208


 36.6730, 12.9792,
37.1208

 252.0650, 1.4470,
2.5740


 20.8200, 9.9487,
29.0989


 88.2170, 11.2320,
37.5207


 11.8480, 4.0189,
17.6733

 113.8150, 10.9372,
38.7502

 0.0000, 0.0000,
0.0000


 139.6410, 11.5160,
39.7798


 166.6520, 11.5106,
41.5242


 194.2500, 11.2157,
42.7537


 217.5800, 14.0111,


32.8173


 235.0420, 9.8393,
17.5032


 36.6730, 12.9792,
37.1208


 36.6730, 12.9792,
37.1208

 31.7490, 14.4207,
41.4391


 41.5970, 11.5377,
32.8024

 30.5750, 14.9995,
42.4687

 46.5210, 10.0961,
28.4841

 51.3310, 8.2178,
24.2657

 56.2550, 6.7763,
19.9474

 61.1790, 5.3348,
15.6290

■ 65.5160, 4.1826,
11.8255

■ 70.4400, 2.7411,
7.5071

■ 75.3640, 1.2995,
3.1888

■ 80.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



42.0650, 21.6600, 6.0820



36.6730, 12.9792, 37.1208



30.6010, 2.1687, 51.2159

Triad

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



36.6730, 12.9792, 37.1208



38.4080, -18.9351, 6.6582



39.6610, 17.4221, -34.7827

Complementary

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



36.6730, 12.9792, 37.1208



52.3270, -12.9792, -37.1208

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.



36.5830, 5.6286, -32.0833



36.6730, 12.9792, 37.1208



33.2480, -16.3913, -16.0035

Square

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



36.6730, 12.9792, 37.1208



39.4150, -19.4316, 25.9460



32.5760, -7.1860, -28.5692



39.9520, 26.1527, -35.0379

Rectangle

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



36.6730, 12.9792, 37.1208



32.6470, -7.7140, 47.6676



32.5760, -7.1860, -28.5692



38.7490, 13.9277, -33.9829

Sweetspot

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



36.6730, 12.9792, 37.1208



85.4670, 5.1928, 14.4994



22.3510, 27.9280, 2.3232



41.1520, 2.8831, 8.6367



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



36.6730, 12.9792, 37.1208



39.3900, 19.0347, 54.9090



32.9110, -1.4351, 40.4201



35.5380, 0.7208, 2.1592



88.8340, 42.9728, 123.8026

Inverse Universe

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



36.6730, 12.9792, 37.1208



39.3900, 19.0347, 54.9090



56.0890, 1.4351, -40.4201



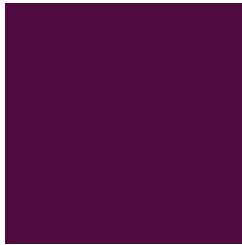
35.5380, 0.7208, 2.1592



88.8340, 42.9728, 123.8026

Previews

White Background



This preview shows how the YUV color 36.6730, 12.9792, 37.1208 looks on a white background.

Color Contrast Check

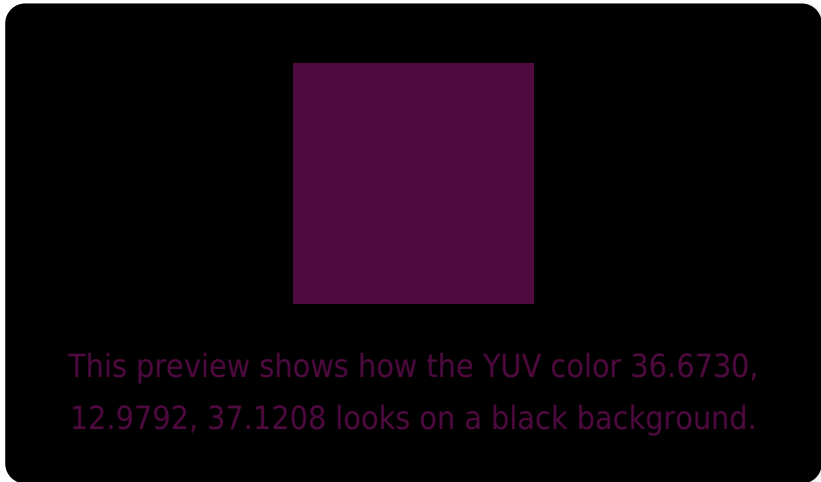
Large Text (above 18pt) WCAG AA ✓ Pass

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

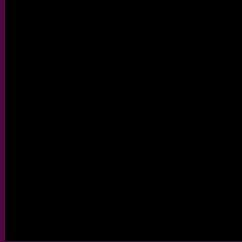
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.6730, 12.9792, 37.1208

Background



This preview shows how black text looks on a background with the YUV color 36.6730, 12.9792, 37.1208.



This preview shows how white text looks on a background with the YUV color 36.6730, 12.9792,

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

36.6730, 12.9792, 37.1208

Protanopia

38.5730, 24.3675, -22.4275

Deuteranopia

43.6280, 7.5784, -4.0588



Tritanopia

41.1780, -6.4968, 30.5389

Trichromacy



Original Color

36.6730, 12.9792, 37.1208

Protanomaly

37.6790, 20.3713, -0.5955

Deuteranomaly

41.1830, 9.2768, 11.2405

Tritanomaly

39.4370, 0.7706, 32.9428

Monochromacy



Original Color

36.6730, 12.9792, 37.1208

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6410, 4.6140, 13.4698

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6730, 12.9792, 37.1208 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(79, 10, 63)` looks like.

```
.text, #text, p{  
    color:rgb(79, 10, 63)  
}
```

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(79, 10, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 10, 63) }
```

Border

The CSS property to change the border of an element to YUV 36.6730, 12.9792, 37.1208 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(79, 10, 63) }
```

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

```
.border{ border-color:rgb(79, 10, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 10, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 10, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 10, 63);  
box-shadow:4px 4px 4px 4px rgb(79, 10, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.6730, 12.9792, 37.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 10, 63) }
```

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

```
.background{ background-color: rgb(79, 10,  
63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor