

Converting Colors

YUV(44.0730, -3.9800, 16.5990)

Have a look what the booklet for
YUV(44.0730, -3.9800, 16.5990)
contains.

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Color

**YUV(44.0730, -3.9800,
16.5990)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 3F2424 |
| RGB | 63, 36, 36 |
| RGB Percent | 25%, 14%, 14% |
| CMY | 0.7529, 0.8588, 0.8588 |
| CMYK | 0.00, 0.43, 0.43, 0.75 |
| HSL | 0°, 27%, 19% |
| HSV | 0°, 43%, 25% |
| XYZ | 2.9992, 2.4459, 1.9831 |
| YIQ | 44.0730, 16.0920, 5.7240 |

Conversions

Conversions Part 2

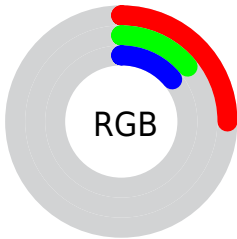
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 63, 36, 36 |
| Decimal | 4138020 |
| CIE _{Lab} | 17.67, 12.86, 5.43 |
| CIE _{LCh} | 18, 13.963, 22.904 |
| Yxy | 2.4459, 0.4038, 0.3293 |
| Android (android.graphics.Color) | 4282328100 (0xFF3F2424) |
| YUV | 44.0730, -3.9800, 16.5990 |
| Hunter-Lab | 15.6393, 6.8627, 3.4295 |

Details

The YUV color **44.0730, -3.9800, 16.5990** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.9270, 3.9800, -16.5990**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1550, -5.0064, 19.1581**, and **2.0930, -1.0318, 4.3034** is the 20% darker color. If you saturate the color by 10%, you get **39.8670, -4.8644, 20.2876**, and if you desaturate by 10%, it is **48.2790, -3.0955, 12.9103**.

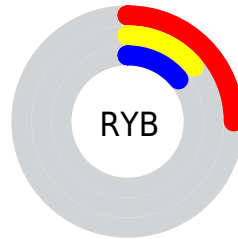
Distribution



 Red (25%)

 Green (14%)

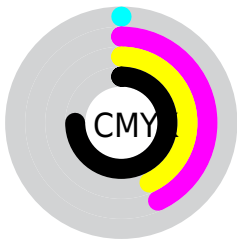
 Blue (14%)



 Red (25%)

 Yellow (14%)

 Blue (14%)

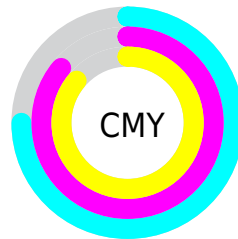


 Cyan (0%)


 Magenta (43%)

 Yellow (43%)

 Black (75%)



 Cyan (75%)

 Magenta (86%)

 Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.0730, -3.9800, 16.5990 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 44.0730, -3.9800, 16.5990 by changing the saturation by 10% instead.

■ 44.0730, -3.9800,
16.5990

■ 44.0730, -3.9800,
16.5990

■ 255.0000, 0.0000,
0.0000

■ 23.0620, -3.9746,
14.8546

■ 90.1550, -5.0064,
19.1581

■ 2.0930, -1.0318,
4.3034

■ 114.7530, -5.3012,
20.3876

■ 0.0000, 0.0000,
0.0000

■ 140.1660, -5.0118,
20.9024

■ 167.3510, -5.5960,
21.6172

■ 194.5360, -6.1802,
22.3319

■ 222.2480, -6.0383,

23.4615

244.2570, -3.0847,
9.4216

44.0730, -3.9800,
16.5990

44.0730, -3.9800,
16.5990

39.8670, -4.8644,
20.2876

48.2790, -3.0955,
12.9103

34.9600, -5.8963,
24.5911

53.1860, -2.0637,
8.6069

30.7540, -6.7807,
28.2797

57.3920, -1.1793,
4.9182

26.5480, -7.6652,
31.9684

61.5980, -0.2948,
1.2296

21.6410, -8.6970,
36.2718

66.5050, 0.7370,
-3.0739

■ 18.8370, -9.2866,
38.7310

■ 70.7110, 1.6215,
-6.7625

■ 74.9170, 2.5059,
-10.4512

■ 79.1230, 3.3904,
-14.1399

■ 84.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



44.6150, 0.6828, 14.3696



44.0730, -3.9800, 16.5990



43.4380, -7.6109, 14.5249

Triad

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



44.0730, -3.9800, 16.5990



40.3920, -4.6303, -8.2368



41.0720, 10.8105, -14.0951

Complementary

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



44.0730, -3.9800, 16.5990



54.9270, 3.9800, -16.5990

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.



37.3050, 10.6956, -23.9465



44.0730, -3.9800, 16.5990



38.7050, 0.6384, -18.1583

Square

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



44.0730, -3.9800, 16.5990



41.8230, -8.2937, 0.1552



36.6700, 7.0647, -26.0206



43.9810, 8.8834, -2.6143

Rectangle

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



44.0730, -3.9800, 16.5990



43.2480, -9.4893, 10.3065



36.6700, 7.0647, -26.0206



40.0500, 10.8214, -17.5838

Sweetspot

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



44.0730, -3.9800, 16.5990



74.2890, -1.6215, 6.7625



47.1510, 7.8136, 13.8996



36.0930, -1.0318, 4.3034



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



44.0730, -3.9800, 16.5990



52.5580, -6.1911, 25.8206



52.2910, -8.0315, 9.3918



28.8970, -0.4422, 1.8443



28.1060, -13.8563, 57.7890



66.3780, -32.7244, 136.4805

Inverse Universe

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



54.9270, 3.9800, -16.5990



69.4420, 6.1911, -25.8206



47.2960, 7.7421, -9.9066



30.1030, 0.4422, -1.8443



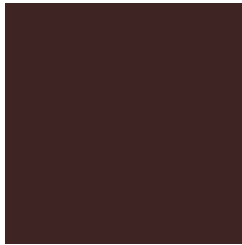
65.8940, 13.8563, -57.7890



155.6220, 32.7244, -136.4805

Previews

White Background



This preview shows how the YUV color 44.0730, -3.9800, 16.5990 looks on a white background.

Color Contrast Check

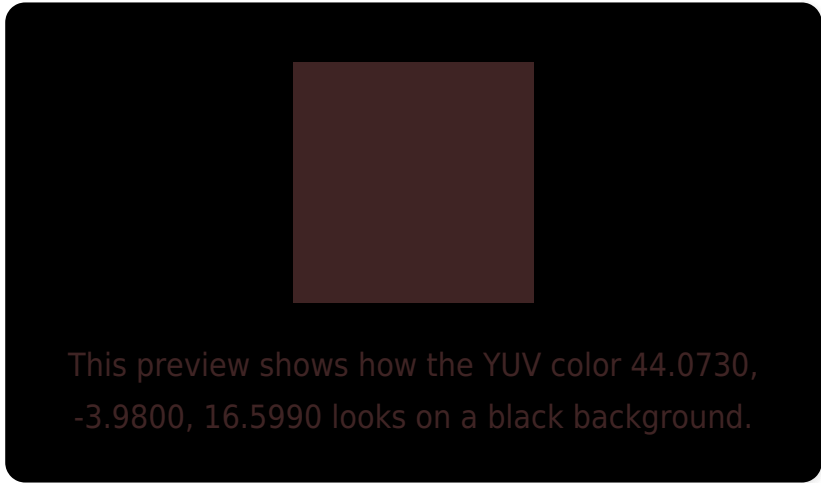
Large Text (above 18pt) WCAG AA ✓ Pass

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

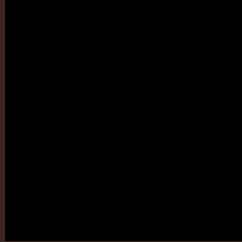
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.0730, -3.9800, 16.5990

Background



This preview shows how black text looks on a background with the YUV color 44.0730, -3.9800, 16.5990.

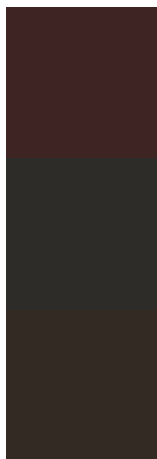


This preview shows how white text looks on a background with the YUV color 44.0730, -3.9800,

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

44.0730, -3.9800, 16.5990

Protanopia

43.8430, -1.8946, 1.0147

Deuteranopia

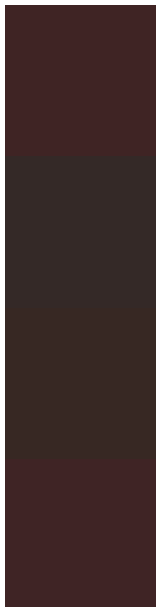
43.8930, -4.3842, 6.2328



Tritanopia

44.3010, -3.1064, 16.3990

Trichromacy



Original Color

44.0730, -3.9800, 16.5990

Protanomaly

44.0610, -2.4951, 6.9625

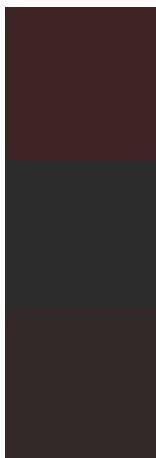
Deuteranomaly

43.9150, -4.3951, 9.7215

Tritanomaly

44.1870, -3.5432, 16.4990

Monochromacy



Original Color

44.0730, -3.9800, 16.5990

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.0730, -3.9800, 16.5990 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(63, 36, 36)` looks like.

```
.text, #text, p{  
    color:rgb(63, 36, 36)  
}
```

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(63, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 36, 36) }
```

Border

The CSS property to change the border of an element to YUV 44.0730, -3.9800, 16.5990 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(63, 36, 36) }
```


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

```
.border{ border-color:rgb(63, 36, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 36, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(63, 36, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.0730, -3.9800, 16.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 36, 36) }
```

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

```
.background{ background-color: rgb(63, 36,  
36) }
```

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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