

Converting Colors

YUV(37.3730, 44.6791, -3.8351)

Have a look what the booklet for
YUV(37.3730, 44.6791, -3.8351)
contains.

YUV(37.3730, 44.6791, -3.8351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(37.3730, 44.6791,
-3.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	211680
RGB	33, 22, 128
RGB Percent	13%, 9%, 50%
CMY	0.8706, 0.9137, 0.4980
CMYK	0.74, 0.83, 0.00, 0.50
HSL	246°, 71%, 29%
HSV	246°, 83%, 50%
XYZ	4.8104, 2.4557, 20.6425
YIQ	37.3730, -27.4700, 35.2980

Conversions

Conversions Part 2

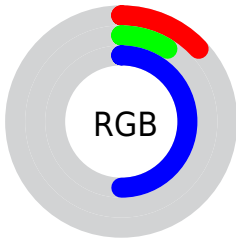
Format	Color
R_{YB}	33, 22, 128
Decimal	2168448
CIE _{Lab}	17.72, 39.62, -56.76
CIE _{LCh}	18, 69.220, 304.913
Yxy	2.4557, 0.1724, 0.0880
Android (android.graphics.Color)	4280358528 (0xFF211680)
YUV	37.3730, 44.6791, -3.8351
Hunter-Lab	15.6706, 27.3706, -67.1322

Details

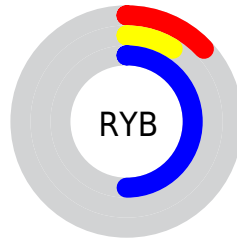
The YUV color **37.3730, 44.6791, -3.8351** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **112.6270, -44.6791, 3.8351**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.7700, 45.9624, 4.5867**, and **8.8920, 34.0702, -7.7983** is the 20% darker color. If you saturate the color by 10%, you get **26.4530, 50.0627, -3.9053**, and if you desaturate by 10%, it is **48.2930, 39.2956, -3.7650**.

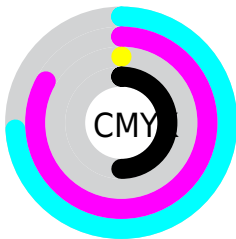
Distribution



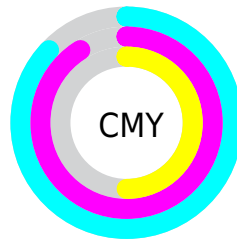
- Red (13%)
- Green (9%)
- Blue (50%)



- Red (13%)
- Yellow (9%)
- Blue (50%)



- Cyan (74%)
- Magenta (83%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.3730, 44.6791, -3.8351 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 37.3730, 44.6791, -3.8351 by changing the saturation by 10% instead.

■ 37.3730, 44.6791,
-3.8351

■ 37.3730, 44.6791,
-3.8351

■ 255.0000, 0.0000,
0.0000

■ 12.2150, 44.2640,
-10.7126

■ 88.7700, 45.9624,
4.5867

■ 8.8920, 34.0702,
-7.7983

■ 115.0090, 46.8306,
6.1311

■ 9.0910, 22.1401,
-7.9728

■ 141.6610, 47.9881,
8.1903

■ 4.7080, 12.9620,
-4.1289

■ 167.1190, 43.3253,
10.4196

■ 0.3420, 1.3104,
-0.2999

■ 191.6390, 31.2370,
14.3486

■ 0.0000, 0.0000,
0.0000

■ 216.4580, 19.0012,

18.8923

237.9770, 8.3923,
14.9292

37.3730, 44.6791,
-3.8351

37.3730, 44.6791,
-3.8351

26.4530, 50.0627,
-3.9053

48.2930, 39.2956,
-3.7650

18.4790, 53.9939,
-4.8051

59.5120, 33.7646,
-3.0800

69.8450, 28.6704,
-2.4951

81.0640, 23.1394,
-1.8101

91.9840, 17.7559,
-1.7400

■ 103.2030, 12.2249,
-1.0550

■ 114.1230, 6.8414,
-0.9849

■ 124.7550, 1.5998,
0.2149

■ 135.6750, -3.7838,
0.2850

Harmonies

Analogous

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



46.1080, 49.7398, -40.4367



37.3730, 44.6791, -3.8351



41.0140, 22.6711, 55.2387

Triad

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



37.3730, 44.6791, -3.8351



37.4540, -18.4648, 42.5748



41.0340, 4.9132, -35.9868

Complementary

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



37.3730, 44.6791, -3.8351



112.6270, -44.6791, 3.8351

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.



34.0460, -16.7847, -29.8583



37.3730, 44.6791, -3.8351



40.7670, -20.0981, 6.3433

Square

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



37.3730, 44.6791, -3.8351



33.7870, -16.6570, 69.4698



31.6980, -15.6271, -27.7991



47.3210, 26.4637, -41.5005

Rectangle

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



37.3730, 44.6791, -3.8351



42.0360, 5.8983, 68.3744



31.6980, -15.6271, -27.7991



38.9820, -2.9491, -34.1872

Sweetspot

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



37.3730, 44.6791, -3.8351



130.2830, 17.6085, -1.1252



89.8490, 18.8084, -59.5036



62.7470, 10.4777, -0.6551



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



37.3730, 44.6791, -3.8351



25.7790, 69.1290, -5.9452



53.2200, 36.8665, 28.7481



58.0970, 2.9102, -0.0851



18.4790, 53.9939, -4.8051



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.5240, 25.8707, 55.6685



67.7940, 40.0346, 86.1267



96.7800, -36.8665, -28.7481



59.7770, 1.5889, 3.7036



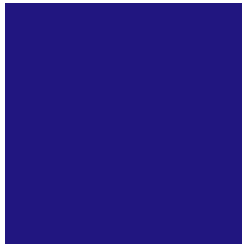
51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 37.3730, 44.6791, -3.8351 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

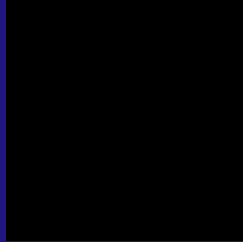
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.3730, 44.6791, -3.8351

Background



This preview shows how black text looks on a background with the YUV color 37.3730, 44.6791, -3.8351.



This preview shows how white text looks on a background with the YUV color 37.3730, 44.6791,

-3.8351.

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

37.3730, 44.6791, -3.8351

Protanopia

35.5010, 26.8680, -31.1344

Deuteranopia

35.7800, 20.3215, -31.3791



Tritanopia

34.6910, 8.5333, -30.4240

Trichromacy



Original Color

37.3730, 44.6791, -3.8351

Protanomaly

35.9890, 33.5294, -21.0384

Deuteranomaly

36.2510, 29.4563, -21.2681

Tritanomaly

35.6010, 21.8887, -20.6981

Monochromacy



Original Color

37.3730, 44.6791, -3.8351

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.5280, 16.0087, -1.3401

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.3730, 44.6791, -3.8351 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(33, 22, 128)` looks like.

```
.text, #text, p{  
    color:rgb(33, 22, 128)  
}
```

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(33, 22, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 22, 128) }
```

Border

The CSS property to change the border of an element to YUV 37.3730, 44.6791, -3.8351 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(33, 22, 128) }
```


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

```
.border{ border-color:rgb(33, 22, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 22, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 22, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 22, 128);  
box-shadow:4px 4px 4px 4px rgb(33, 22,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 37.3730, 44.6791, -3.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 22, 128) }
```

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

```
.background{ background-color: rgb(33, 22,  
128) }
```

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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