

Converting Colors

YUV(37.0110, 13.7986, 54.3644)

Have a look what the booklet for
YUV(37.0110, 13.7986, 54.3644)
contains.

YUV(37.0110, 13.7986, 54.3644)	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(37.0110, 13.7986,
54.3644)**

Conversions

Conversions Part 1

Format	Color
Hex	630041
RGB	99, 0, 65
RGB Percent	39%, 0%, 25%
CMY	0.6118, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.34, 0.61
HSL	321°, 100%, 19%
HSV	321°, 100%, 39%
XYZ	6.0997, 3.0343, 5.2652
YIQ	37.0110, 38.1390, 41.2030

Conversions

Conversions Part 2

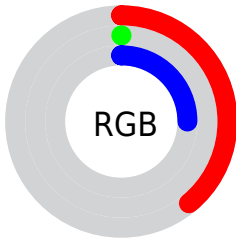
Format	Color
R_{YB}	99, 0, 65
Decimal	6488129
CIE _{Lab}	20.18, 44.23, -10.48
CIE _{LCh}	20, 45.457, 346.666
Yxy	3.0343, 0.4236, 0.2107
Android (android.graphics.Color)	4284678209 (0xFF630041)
YUV	37.0110, 13.7986, 54.3644
Hunter-Lab	17.4193, 32.0219, -5.7278

Details

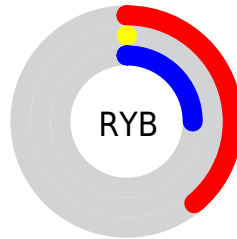
The YUV color **37.0110, 13.7986, 54.3644** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **61.9890, -13.7986, -54.3644**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4360, 9.1521, 51.3606**, and **17.5720, 2.6760, 28.4394** is the 20% darker color. If you saturate the color by 10%, you get **37.0110, 13.7986, 54.3644**, and if you desaturate by 10%, it is **43.2230, 12.2151, 48.9164**.

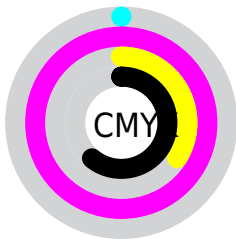
Distribution



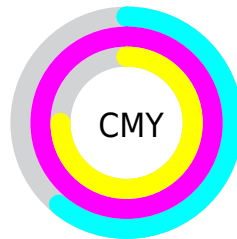
- Red (39%)
- Green (0%)
- Blue (25%)



- Red (39%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.0110, 13.7986, 54.3644 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 37.0110, 13.7986, 54.3644 by changing the saturation by 10% instead.

■ 37.0110, 13.7986,
54.3644

■ 37.0110, 13.7986,
54.3644

■ 253.8260, 0.5788,
1.0296

■ 26.7290, 8.0216,
40.5797

■ 94.4360, 9.1521,
51.3606

■ 17.5720, 2.6760,
28.4394

■ 120.9200, 8.4204,
52.6902

■ 1.4950, -0.7370,
3.0739

■ 147.9310, 8.4150,
54.4345

■ 0.0000, 0.0000,
0.0000

■ 175.5290, 8.1202,
55.6641

■ 199.3540, 10.1785,
48.8015

■ 218.9820, 14.3059,

31.5878

■ 236.8030, 8.9711,
15.9588

■ 37.0110, 13.7986,
54.3644

■ 43.2230, 12.2151,
48.9164

■ 49.5490, 11.0683,
43.3685

■ 55.7610, 9.4848,
37.9206

■ 62.0870, 8.3381,
32.3727

■ 68.2990, 6.7546,
26.9248

■ 73.9240, 5.4605,
21.9917

■ 80.2500, 4.3137,
16.4438

■ 86.4620, 2.7302,
10.9958

■ 92.7880, 1.5835,
5.4479

Harmonies

Analogous

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



48.7940, 22.7796, 20.3517



37.0110, 13.7986, 54.3644



35.0430, -1.5002, 61.3523

Triad

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



37.0110, 13.7986, 54.3644



44.2670, -21.8236, -0.2342



47.4520, 24.4272, -41.6154

Complementary

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



37.0110, 13.7986, 54.3644



61.9890, -13.7986, -54.3644

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.



44.0320, 11.3232, -38.6161



37.0110, 13.7986, 54.3644



34.6330, -17.0741, -30.3731

Square

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



37.0110, 13.7986, 54.3644



46.4810, -22.9151, 23.2572



40.0420, -3.9647, -35.1168



46.4550, 33.2997, -40.7410

Rectangle

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



37.0110, 13.7986, 54.3644



39.6170, -15.5872, 52.9559



40.0420, -3.9647, -35.1168



46.4260, 20.4960, -40.7156

Sweetspot

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



37.0110, 13.7986, 54.3644



103.5110, 5.1711, 21.4769



21.1530, 38.3786, 10.3898



49.5870, 3.1616, 12.6402



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



37.0110, 13.7986, 54.3644



47.8480, 17.8229, 70.2933



31.5390, -7.1677, 59.1633



45.5380, 0.7208, 2.1592



41.9240, 15.8135, 61.4567



89.6580, 33.1996, 131.8499

Inverse Universe

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



37.0110, 13.7986, 54.3644



47.8480, 17.8229, 70.2933



67.4610, 7.1677, -59.1633



45.5380, 0.7208, 2.1592



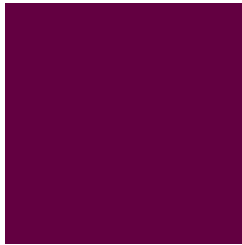
41.9240, 15.8135, 61.4567



89.6580, 33.1996, 131.8499

Previews

White Background



This preview shows how the YUV color 37.0110, 13.7986, 54.3644 looks on a white background.

Color Contrast Check

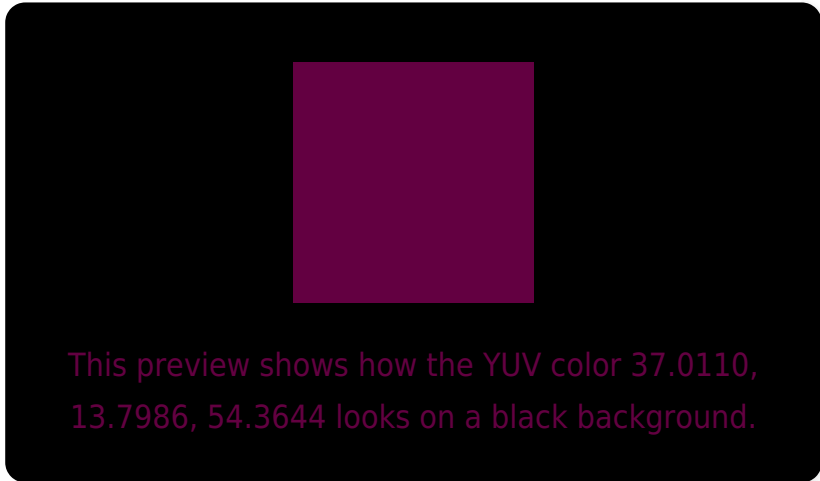
Large Text (above 18pt) WCAG AA ✓ Pass

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

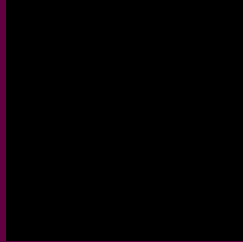
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.0110, 13.7986, 54.3644

Background



This preview shows how black text looks on a background with the YUV color 37.0110, 13.7986, 54.3644.



This preview shows how white text looks on a background with the YUV color 37.0110, 13.7986,

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

37.0110, 13.7986, 54.3644

Protanopia

50.7050, 20.8514, -14.6503

Deuteranopia

53.0370, 3.9258, 0.8446



Tritanopia

47.3430, -10.0291, 43.5492

Trichromacy



Original Color

37.0110, 13.7986, 54.3644

Protanomaly

45.5880, 18.4441, 10.8853

Deuteranomaly

46.7820, 7.5025, 20.3622

Tritanomaly

43.9550, -1.4568, 47.3975

Monochromacy



Original Color

37.0110, 13.7986, 54.3644

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.3860, 4.7397, 19.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.0110, 13.7986, 54.3644 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(99, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 65)  
}
```

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(99, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 65) }
```

Border

The CSS property to change the border of an element to YUV 37.0110, 13.7986, 54.3644 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(99, 0, 65) }
```


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

```
.border{ border-color:rgb(99, 0, 65) }
```

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

Here you see how a box with a 4 pixel rgb(99, 0, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 65); box-shadow:4px  
4px 4px 4px rgb(99, 0, 65) }
```

Background

The CSS property to change the background color of an element to YUV 37.0110, 13.7986, 54.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 65) }
```

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

```
.background{ background-color: rgb(99, 0,  
65) }
```

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