

Converting Colors

YUV(44.3650, 13.6241, 63.7009)

Have a look what the booklet for
YUV(44.3650, 13.6241, 63.7009)
contains.

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Color

**YUV(44.3650, 13.6241,
63.7009)**

Conversions

Conversions Part 1

Format	Color
Hex	750248
RGB	117, 2, 72
RGB Percent	46%, 1%, 28%
CMY	0.5412, 0.9922, 0.7176
CMYK	0.00, 0.98, 0.38, 0.54
HSL	323°, 97%, 23%
HSV	323°, 98%, 46%
XYZ	8.5275, 4.2932, 6.5101
YIQ	44.3650, 46.0700, 46.1500

Conversions

Conversions Part 2

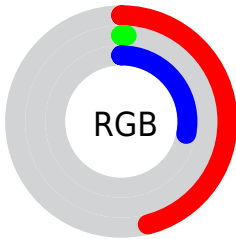
Format	Color
RYB	117, 2, 72
Decimal	7668296
CIELab	24.62, 48.76, -8.17
CIElCh	25, 49.440, 350.482
Yxy	4.2932, 0.4411, 0.2221
Android (android.graphics.Color)	4285858376 (0xFF750248)
YUV	44.3650, 13.6241, 63.7009
Hunter-Lab	20.7200, 37.2032, -4.1245

Details

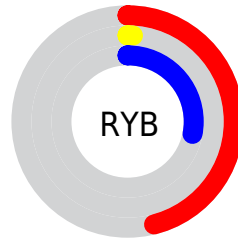
The YUV color **44.3650, 13.6241, 63.7009** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **74.6350, -13.6241, -63.7009**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7360, 7.5252, 59.8675**, and **22.4420, 3.2331, 36.4464** is the 20% darker color. If you saturate the color by 10%, you get **43.0770, 13.7660, 64.8305**, and if you desaturate by 10%, it is **51.9790, 12.3354, 57.0234**.

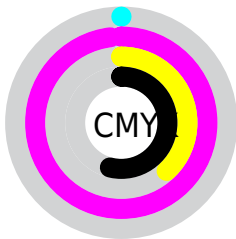
Distribution



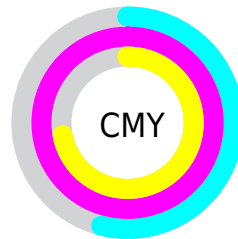
- Red (46%)
- Green (1%)
- Blue (28%)



- Red (46%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (99%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.3650, 13.6241, 63.7009 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 44.3650, 13.6241, 63.7009 by changing the saturation by 10% instead.

44.3650, 13.6241,
63.7009

44.3650, 13.6241,
63.7009

255.0000, 0.0000,
0.0000

32.6100, 8.5733,
50.3310

104.7360, 7.5252,
59.8675

22.4420, 3.2331,
36.4464

132.2200, 6.7935,
61.1971

11.7750, -5.3121,
23.8763

159.2310, 6.7881,
62.9414

0.0000, 0.0000,
0.0000


185.9210, 6.9409,
60.5823


204.9620, 11.3577,
43.8833

225.0630, 14.7589,


26.2547


 242.0860, 6.3666,
11.3256

 44.3650, 13.6241,
63.7009

 44.3650, 13.6241,
63.7009


 43.0770, 13.7660,
64.8305

 51.9790, 12.3354,
57.0234

 58.8920, 10.8992,
50.9607

 66.5060, 9.6105,
44.2832

 74.0060, 7.8850,
37.7057

 81.6200, 6.5963,
31.0283

■ 88.5330, 5.1602,
24.9656

■ 96.1470, 3.8715,
18.2881

■ 103.7610, 2.5828,
11.6106

■ 110.6740, 1.1467,
5.5479

Harmonies

Analogous

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



58.4790, 23.9209, 27.6439



44.3650, 13.6241, 63.7009



43.1040, -3.9953, 68.3148

Triad

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



44.3650, 13.6241, 63.7009



52.2190, -25.7440, -2.8231



56.0750, 29.5430, -49.1778

Complementary

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



44.3650, 13.6241, 63.7009



74.6350, -13.6241, -63.7009

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.



53.0140, 15.2761, -46.4933



44.3650, 13.6241, 63.7009



41.2040, -19.8206, -36.1359

Square

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



44.3650, 13.6241, 63.7009



55.9280, -27.5725, 23.7421



47.9810, -1.4696, -42.0793



54.4910, 38.7049, -47.7886

Rectangle

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



44.3650, 13.6241, 63.7009



49.9010, -19.6712, 56.2148



47.9810, -1.4696, -42.0793



55.0490, 25.6118, -48.2780

Sweetspot

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



44.3650, 13.6241, 63.7009



125.2340, 5.3076, 24.3508



28.2660, 43.7459, 15.5527



59.8970, 3.0088, 14.9993



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



44.3650, 13.6241, 63.7009



56.3490, 18.0689, 84.7629



37.8670, -11.2734, 69.3996



55.1360, 0.4260, 3.3887



45.0280, 14.7762, 67.5044



92.0780, 29.5415, 138.4976

Inverse Universe

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



44.3650, 13.6241, 63.7009



56.3490, 18.0689, 84.7629



81.1330, 11.2734, -69.3996



55.1360, 0.4260, 3.3887



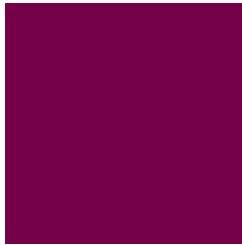
45.0280, 14.7762, 67.5044



92.0780, 29.5415, 138.4976

Previews

White Background



This preview shows how the YUV color 44.3650, 13.6241, 63.7009 looks on a white background.

Color Contrast Check

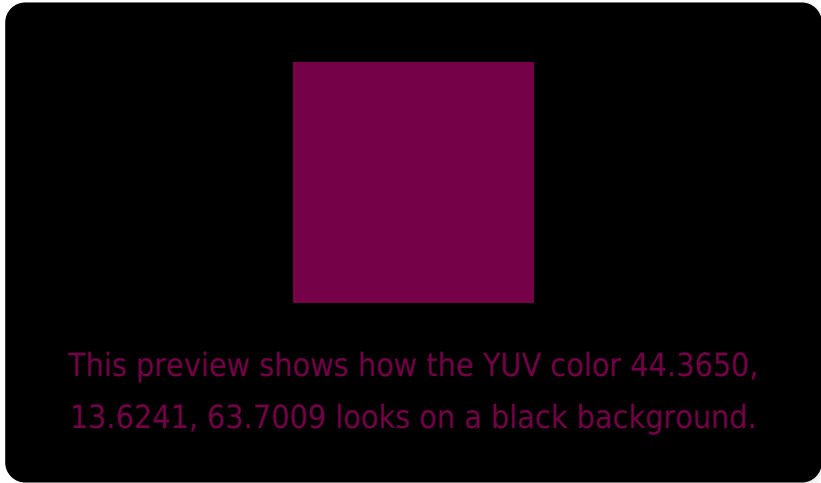
Large Text (above 18pt) WCAG AA ✓ Pass

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

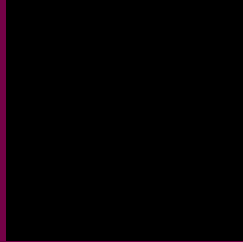
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.3650, 13.6241, 63.7009

Background



This preview shows how black text looks on a background with the YUV color 44.3650, 13.6241, 63.7009.



This preview shows how white text looks on a background with the YUV color 44.3650, 13.6241,

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

44.3650, 13.6241, 63.7009

Protanopia

60.7050, 20.8514, -14.6503

Deuteranopia

62.5920, 2.1731, 2.9888



Tritanopia

54.4150, -12.5296, 52.2560

Trichromacy



Original Color

44.3650, 13.6241, 63.7009

Protanomaly

55.1970, 18.1439, 13.8592

Deuteranomaly

56.1740, 6.3232, 25.2804

Tritanomaly

50.6680, -2.7943, 56.4192

Monochromacy



Original Color

44.3650, 13.6241, 63.7009

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.4080, 4.7289, 23.3212

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.3650, 13.6241, 63.7009 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(117, 2, 72)` looks like.

```
.text, #text, p{  
    color:rgb(117, 2, 72)  
}
```

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(117, 2, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 2, 72) }
```

Border

The CSS property to change the border of an element to YUV 44.3650, 13.6241, 63.7009 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(117, 2, 72) }
```


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

```
.border{ border-color:rgb(117, 2, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 2, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 2, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 2, 72);  
box-shadow:4px 4px 4px 4px rgb(117, 2, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.3650, 13.6241, 63.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 2, 72) }
```

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

```
.background{ background-color: rgb(117, 2,  
72) }
```

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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