

Converting Colors

YUV(41.3250, -2.6252, 48.8270)

Have a look what the booklet for
YUV(41.3250, -2.6252, 48.8270)
contains.

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Color

**YUV(41.3250, -2.6252,
48.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	610E24
RGB	97, 14, 36
RGB Percent	38%, 5%, 14%
CMY	0.6196, 0.9451, 0.8588
CMYK	0.00, 0.86, 0.63, 0.62
HSL	344°, 75%, 22%
HSV	344°, 86%, 38%
XYZ	5.4052, 2.9828, 1.9599
YIQ	41.3250, 42.4060, 24.4380

Conversions

Conversions Part 2

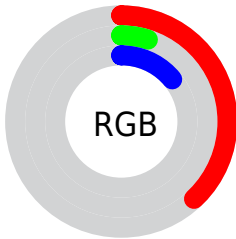
Format	Color
R_YB	97, 14, 36
Decimal	6360612
CIE _{Lab}	19.98, 37.21, 9.61
CIE _{LCh}	20, 38.434, 14.481
Yxy	2.9828, 0.5223, 0.2883
Android (android.graphics.Color)	4284550692 (0xFF610E24)
YUV	41.3250, -2.6252, 48.8270
Hunter-Lab	17.2709, 25.6408, 5.3613

Details

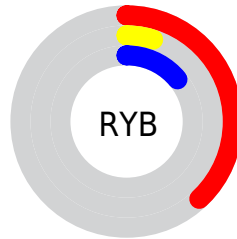
The YUV color **41.3250, -2.6252, 48.8270** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **69.6750, 2.6252, -48.8270**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8970, -6.8512, 50.9563**, and **14.5800, -6.2019, 29.3093** is the 20% darker color. If you saturate the color by 10%, you get **34.6570, -2.7889, 54.6748**, and if you desaturate by 10%, it is **47.9930, -2.4615, 42.9791**.

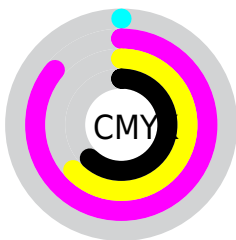
Distribution



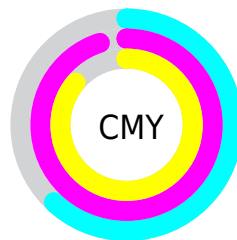
- Red (38%)
- Green (5%)
- Blue (14%)



- Red (38%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (86%)
- Yellow (63%)
- Black (62%)



- Cyan (62%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3250, -2.6252, 48.8270 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 41.3250, -2.6252, 48.8270 by changing the saturation by 10% instead.

■ 41.3250, -2.6252,
48.8270

■ 41.3250, -2.6252,
48.8270

255.0000, 0.0000,
0.0000

■ 22.6400, -3.7665,
41.5347

■ 93.8970, -6.8512,
50.9563

■ 14.5800, -6.2019,
29.3093

■ 119.9790, -7.8776,
53.5154

■ 0.0000, 0.0000,
0.0000

■ 146.7620, -8.7567,
55.4597

■ 173.6590, -9.1989,
57.3041

■ 197.3700, -7.5774,
50.5415

■ 216.9980, -3.4500,

33.3278

237.2130, 0.3880,
15.5992

41.3250, -2.6252,
48.8270

41.3250, -2.6252,
48.8270

34.6570, -2.7889,
54.6748

47.9930, -2.4615,
42.9791

31.9670, -2.9417,
57.0339

54.0740, -2.0085,
37.6461

60.7420, -1.8448,
31.7983

67.5240, -1.2443,
25.8505

74.1920, -1.0807,
20.0026

■ 80.2730, -0.6276,
14.6696

■ 86.9410, -0.4639,
8.8217

■ 93.6090, -0.3002,
2.9739

■ 99.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



44.7720, 9.4794, 39.6650



41.3250, -2.6252, 48.8270



44.1440, -18.3120, 40.2157

Triad

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



41.3250, -2.6252, 48.8270



37.0470, -18.2642, -21.9662



44.6140, 28.7843, -39.1265

Complementary

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



41.3250, -2.6252, 48.8270



69.6750, 2.6252, -48.8270

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.



45.1380, 20.6380, -39.5860



41.3250, -2.6252, 48.8270



38.8680, -3.3859, -34.0872

Square

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



41.3250, -2.6252, 48.8270



44.2890, -21.8345, 3.2545



42.8750, 9.4286, -37.6014



39.3310, 31.3888, -34.4933

Rectangle

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



41.3250, -2.6252, 48.8270



45.3400, -22.3526, 29.5198



42.8750, 9.4286, -37.6014



44.7450, 26.7477, -39.2414

Sweetspot

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



41.3250, -2.6252, 48.8270



102.8930, -0.9332, 19.3878



41.7010, 27.2624, 29.2032



50.5500, -0.7641, 11.7957



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.



41.3250, -2.6252, 48.8270



41.1370, -4.0115, 73.5479



49.9700, -17.7332, 41.2453



45.3100, -0.1528, 2.3591



36.9080, -3.4056, 65.8557



79.0560, -7.4226, 141.1479

Inverse Universe

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



41.3250, -2.6252, 48.8270



41.1370, -4.0115, 73.5479



61.0300, 17.7332, -41.2453



45.3100, -0.1528, 2.3591



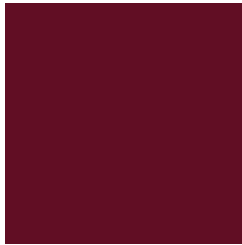
36.9080, -3.4056, 65.8557



79.0560, -7.4226, 141.1479

Previews

White Background



This preview shows how the YUV color 41.3250, -2.6252, 48.8270 looks on a white background.

Color Contrast Check

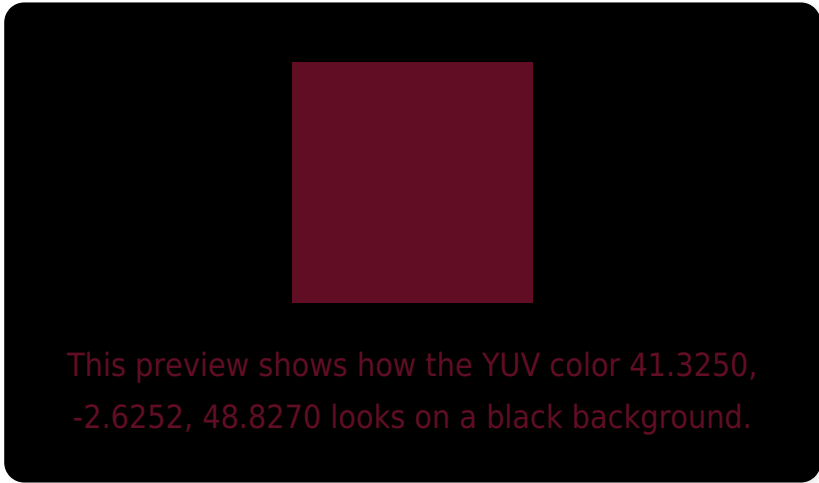
Large Text (above 18pt) WCAG AA ✓ Pass

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

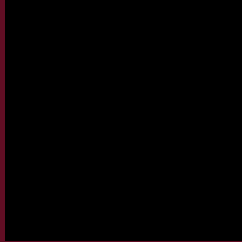
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3250, -2.6252, 48.8270

Background



This preview shows how black text looks on a background with the YUV color 41.3250, -2.6252, 48.8270.



This preview shows how white text looks on a background with the YUV color 41.3250, -2.6252,

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

41.3250, -2.6252, 48.8270

Protanopia

50.4130, 0.2894, 0.5148

Deuteranopia

50.0630, -8.9051, 9.5917



Tritanopia

42.0230, -11.3503, 47.3378

Trichromacy



Original Color

41.3250, -2.6252, 48.8270

Protanomaly

47.2950, -0.6384, 18.1583

Deuteranomaly

47.0200, -6.9119, 23.6615

Tritanomaly

41.5330, -8.1508, 47.7676

Monochromacy



Original Color

41.3250, -2.6252, 48.8270

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8820, -0.9278, 17.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3250, -2.6252, 48.8270 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(97, 14, 36)` looks like.

```
.text, #text, p{  
    color:rgb(97, 14, 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(97, 14, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 14, 36) }
```

Border

The CSS property to change the border of an element to YUV 41.3250, -2.6252, 48.8270 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(97, 14, 36) }
```


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

```
.border{ border-color:rgb(97, 14, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 14, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 14, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 14, 36);  
box-shadow:4px 4px 4px 4px rgb(97, 14, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.3250, -2.6252, 48.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 14, 36) }
```

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

```
.background{ background-color: rgb(97, 14,  
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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