

Converting Colors

YUV(62.3940, -0.6872, 33.8575)

Have a look what the booklet for
YUV(62.3940, -0.6872, 33.8575)
contains.

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Color

**YUV(62.3940, -0.6872,
33.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	652B3D
RGB	101, 43, 61
RGB Percent	40%, 17%, 24%
CMY	0.6039, 0.8314, 0.7608
CMYK	0.00, 0.57, 0.40, 0.60
HSL	341°, 40%, 28%
HSV	341°, 57%, 40%
XYZ	7.0730, 4.8314, 4.9746
YIQ	62.3940, 28.7900, 17.8940

Conversions

Conversions Part 2

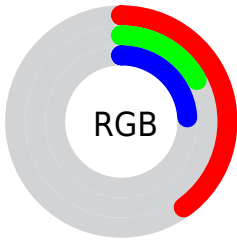
Format	Color
R_{YB}	101, 43, 61
Decimal	6630205
CIE Lab	26.25, 28.20, 1.34
CIE LCh	26, 28.234, 2.729
Yxy	4.8314, 0.4190, 0.2862
Android (android.graphics.Color)	4284820285 (0xFF652B3D)
YUV	62.3940, -0.6872, 33.8575
Hunter-Lab	21.9804, 18.9733, 1.9677

Details

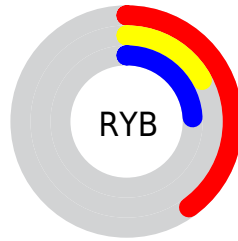
The YUV color **62.3940, -0.6872, 33.8575** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.6060, 0.6872, -33.8575**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7750, -1.8611, 37.0313**, and **17.4150, 0.7814, 29.4540** is the 20% darker color. If you saturate the color by 10%, you get **55.7260, -0.8509, 39.7053**, and if you desaturate by 10%, it is **69.0620, -0.5236, 28.0096**.

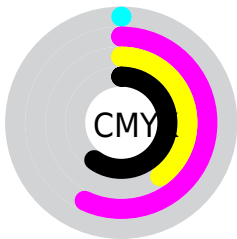
Distribution



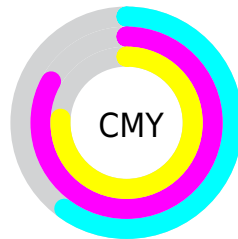
- Red (40%)
- Green (17%)
- Blue (24%)



- Red (40%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (57%)
- Yellow (40%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3940, -0.6872, 33.8575 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 62.3940, -0.6872, 33.8575 by changing the saturation by 10% instead.

62.3940, -0.6872,
33.8575

62.3940, -0.6872,
33.8575

255.0000, 0.0000,
0.0000

38.9100, 0.0444,
32.5279

111.7750, -1.8611,
37.0313

17.4150, 0.7814,
29.4540

137.6720, -2.3033,
38.8757

7.5890, -3.2484,
15.2694

164.3840, -2.1613,
40.0052

0.0000, 0.0000,
0.0000

191.9820, -2.4561,
41.2348

216.2800, -1.1240,
33.9574

236.0220, 3.4402,

16.6437

254.4130, 0.2894,
0.5148

■ 62.3940, -0.6872,
33.8575

■ 62.3940, -0.6872,
33.8575

■ 55.7260, -0.8509,
39.7053

■ 69.0620, -0.5236,
28.0096

■ 49.0580, -1.0146,
45.5531

■ 75.7300, -0.3599,
22.1618

■ 42.3900, -1.1783,
51.4010

■ 82.3980, -0.1962,
16.3140

■ 35.7220, -1.3419,
57.2488

■ 89.0660, -0.0325,
10.4661

■ 33.7330, -1.3474,
58.9932

■ 96.3210, -0.1583,
4.1035

■ 102.9890, 0.0054,
-1.7444

■ 109.6570, 0.1691,
-7.5922

■ 116.3250, 0.3328,
-13.4400

■ 122.9930, 0.4965,
-19.2879

Harmonies

Analogous

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



63.8470, 8.9494, 22.9362



62.3940, -0.6872, 33.8575



61.4620, -10.5808, 33.7978

Triad

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



62.3940, -0.6872, 33.8575



57.6020, -16.5658, -6.6670



51.9030, 23.7118, -45.5189

Complementary

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



62.3940, -0.6872, 33.8575



81.6060, 0.6872, -33.8575

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.



51.9540, 16.2917, -45.5637



62.3940, -0.6872, 33.8575



52.1460, -5.0020, -29.0690

Square

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



62.3940, -0.6872, 33.8575



59.8600, -21.1300, 10.6468



50.0330, 6.3927, -43.8789



56.1160, 24.0998, -29.9197

Rectangle

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



62.3940, -0.6872, 33.8575



61.2350, -16.3849, 28.7349



50.0330, 6.3927, -43.8789



52.6210, 21.3858, -46.1486

Sweetspot

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



62.3940, -0.6872, 33.8575



115.3760, -0.1854, 12.8252



61.5720, 19.4380, 18.7924



57.3430, -0.1691, 7.5922



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



62.3940, -0.6872, 33.8575



70.1020, -1.0363, 52.5305



66.7990, -11.7329, 29.9943



47.6090, -0.3002, 2.9739



38.4890, -1.2271, 67.1001



80.9080, -2.9126, 141.2777

Inverse Universe

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



62.3940, -0.6872, 33.8575



70.1020, -1.0363, 52.5305



77.2010, 11.7329, -29.9943



47.6090, -0.3002, 2.9739



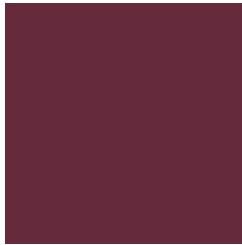
38.4890, -1.2271, 67.1001



80.9080, -2.9126, 141.2777

Previews

White Background



This preview shows how the YUV color 62.3940, -0.6872, 33.8575 looks on a white background.

Color Contrast Check

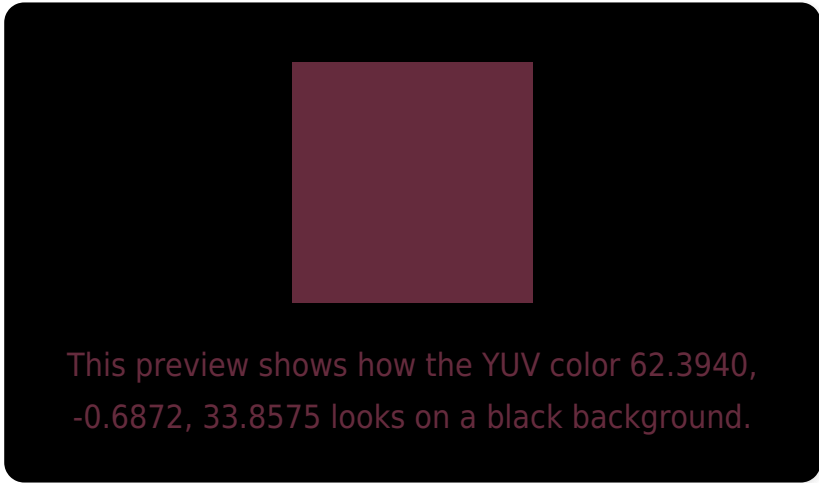
Large Text (above 18pt) WCAG AA ✓ Pass

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

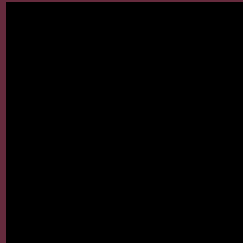
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3940, -0.6872, 33.8575

Background



This preview shows how black text looks on a background with the YUV color 62.3940, -0.6872, 33.8575.



This preview shows how white text looks on a background with the YUV color 62.3940, -0.6872,

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

62.3940, -0.6872, 33.8575

Protanopia

62.8410, 4.5154, -1.6146

Deuteranopia

63.6480, -2.7845, 6.4477



Tritanopia

61.9010, -6.3602, 33.4128

Trichromacy



Original Color

62.3940, -0.6872, 33.8575

Protanomaly

62.7610, 2.5828, 11.6106

Deuteranomaly

62.9420, -1.9434, 16.7139

Tritanomaly

61.7700, -4.3236, 33.5277

Monochromacy



Original Color

62.3940, -0.6872, 33.8575

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0770, -0.0380, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3940, -0.6872, 33.8575 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(101, 43, 61)` looks like.

```
.text, #text, p{  
    color:rgb(101, 43, 61)  
}
```

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(101, 43, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 43, 61) }
```

Border

The CSS property to change the border of an element to YUV 62.3940, -0.6872, 33.8575 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(101, 43, 61) }
```


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

```
.border{ border-color:rgb(101, 43, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 43, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 43, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 43, 61);  
box-shadow:4px 4px 4px 4px rgb(101, 43,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 62.3940, -0.6872, 33.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 43, 61) }
```

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

```
.background{ background-color: rgb(101, 43,  
61) }
```

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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