

Converting Colors

YUV(85.3520, -3.6245, 42.6643)

Have a look what the booklet for
YUV(85.3520, -3.6245, 42.6643)
contains.

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Color

**YUV(85.3520, -3.6245,
42.6643)**

Conversions

Conversions Part 1

Format	Color
Hex	863E4E
RGB	134, 62, 78
RGB Percent	53%, 24%, 31%
CMY	0.4745, 0.7569, 0.6941
CMYK	0.00, 0.54, 0.42, 0.47
HSL	347°, 37%, 38%
HSV	347°, 54%, 53%
XYZ	12.9293, 9.0636, 8.2757
YIQ	85.3520, 37.7760, 20.2400

Conversions

Conversions Part 2

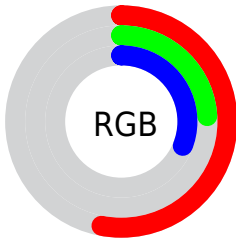
Format	Color
R_{YB}	134, 62, 78
Decimal	8797774
CIE Lab	36.11, 32.55, 5.12
CIE LCh	36, 32.950, 8.940
Yxy	9.0636, 0.4272, 0.2994
Android (android.graphics.Color)	4286987854 (0xFF863E4E)
YUV	85.3520, -3.6245, 42.6643
Hunter-Lab	30.1059, 23.9734, 4.7760

Details

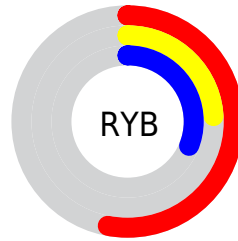
The YUV color **85.3520, -3.6245, 42.6643** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **110.6480, 3.6245, -42.6643**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0320, -4.9458, 46.4529**, and **35.1390, -0.5615, 40.2201** is the 20% darker color. If you saturate the color by 10%, you get **76.5810, -4.2304, 50.3565**, and if you desaturate by 10%, it is **94.1230, -3.0186, 34.9721**.

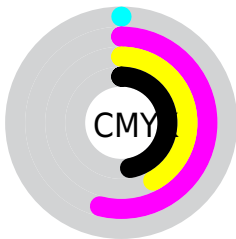
Distribution



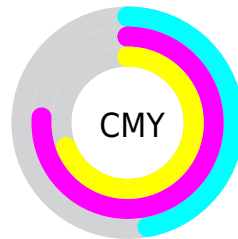
- Red (53%)
- Green (24%)
- Blue (31%)



- Red (53%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (42%)
- Black (47%)



- Cyan (47%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3520, -3.6245, 42.6643 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 85.3520, -3.6245, 42.6643 by changing the saturation by 10% instead.

■ 85.3520, -3.6245,
42.6643

■ 85.3520, -3.6245,
42.6643

■ 255.0000, 0.0000,
0.0000

■ 60.5690, -2.7455,
40.7200

■ 137.0320, -4.9458,
46.4529

■ 35.1390, -0.5615,
40.2201

■ 163.6300, -5.2406,
47.6825

■ 17.9980, -3.4500,
33.3278

■ 191.5270, -5.6828,
49.5268

■ 8.7850, -3.8380,
17.7286

■ 212.5470, -2.7347,
37.2313

■ 0.0000, 0.0000,
0.0000

■ 232.7620, 1.1033,
19.5027

■ 251.4780, 1.7363,

3.0888

■ 85.3520, -3.6245,
42.6643

■ 85.3520, -3.6245,
42.6643

■ 76.5810, -4.2304,
50.3565

■ 94.1230, -3.0186,
34.9721

■ 67.1090, -4.9837,
58.6634

■ 103.5950, -2.2653,
26.6652

■ 58.3380, -5.5896,
66.3556

■ 112.3660, -1.6594,
18.9730

■ 48.8660, -6.3429,
74.6625

■ 121.8380, -0.9061,
10.6661

■ 43.4860, -6.6486,
79.3808

■ 130.6090, -0.3002,
2.9739

■ 139.4940, 0.7425,
-4.8182

■ 148.8520, 1.0590,
-13.0252

■ 157.6230, 1.6649,
-20.7174

■ 167.0950, 2.4182,
-29.0243

Harmonies

Analogous

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



86.7880, 8.4855, 31.7579



85.3520, -3.6245, 42.6643



84.2410, -15.4018, 40.1306

Triad

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



85.3520, -3.6245, 42.6643



78.5150, -18.0019, -12.7297



69.8670, 31.6176, -61.2734

Complementary

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



85.3520, -3.6245, 42.6643



110.6480, 3.6245, -42.6643

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.



70.2770, 23.0344, -61.6329



85.3520, -3.6245, 42.6643



70.9270, -2.9220, -42.9090

Square

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



85.3520, -3.6245, 42.6643



81.7090, -25.4925, 9.9022



68.0140, 11.8251, -59.6483



81.0610, 27.5779, -25.4865

Rectangle

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



85.3520, -3.6245, 42.6643



83.5900, -21.4899, 32.8086



68.0140, 11.8251, -59.6483



70.5850, 29.2916, -61.9030

Sweetspot

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



85.3520, -3.6245, 42.6643



154.7570, -1.3592, 15.9991



86.6530, 23.3421, 26.6143



75.5390, -0.7587, 10.0513



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



85.3520, -3.6245, 42.6643



98.0390, -5.4422, 65.7408



94.6810, -16.1117, 34.4828



61.9080, -0.4476, 3.5887



42.1760, -6.4958, 77.0216



1.0110, -0.0054, 1.7444

Inverse Universe

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



85.3520, -3.6245, 42.6643



98.0390, -5.4422, 65.7408



101.3190, 16.1117, -34.4828



61.9080, -0.4476, 3.5887



42.1760, -6.4958, 77.0216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 85.3520, -3.6245, 42.6643 looks on a white background.

Color Contrast Check

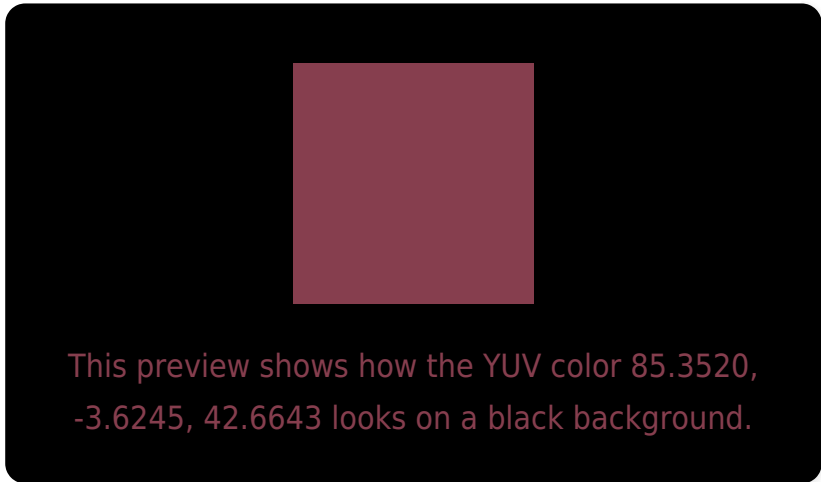
Large Text (above 18pt) WCAG AA ✓ Pass

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

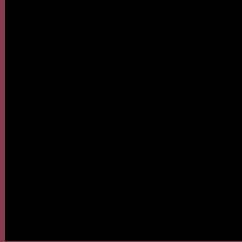
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3520, -3.6245, 42.6643

Background



This preview shows how black text looks on a background with the YUV color 85.3520, -3.6245, 42.6643.



This preview shows how white text looks on a background with the YUV color 85.3520, -3.6245,

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

85.3520, -3.6245, 42.6643

Protanopia

85.9830, 2.4734, 0.0149

Deuteranopia

85.9860, -5.4161, 10.5363



Tritanopia

85.0870, -8.4239, 42.0197

Trichromacy



Original Color

85.3520, -3.6245, 42.6643

Protanomaly

85.8000, 0.0986, 15.0844

Deuteranomaly

85.8780, -4.8699, 22.0320

Tritanomaly

84.9560, -6.3873, 42.1346

Monochromacy



Original Color

85.3520, -3.6245, 42.6643

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3440, -1.6486, 15.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3520, -3.6245, 42.6643 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(134, 62, 78)` looks like.

```
.text, #text, p{  
    color:rgb(134, 62, 78)  
}
```

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(134, 62, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 62, 78) }
```

Border

The CSS property to change the border of an element to YUV 85.3520, -3.6245, 42.6643 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(134, 62, 78) }
```


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

```
.border{ border-color:rgb(134, 62, 78) }
```

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

Here you see how a box with a 4 pixel rgb(134, 62, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 62, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 62, 78);  
box-shadow:4px 4px 4px 4px rgb(134, 62,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 85.3520, -3.6245, 42.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 62, 78) }
```

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

```
.background{ background-color: rgb(134, 62,  
78) }
```

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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