

Converting Colors

YUV(90.3730, -2.1559, 38.2609)

Have a look what the booklet for
YUV(90.3730, -2.1559, 38.2609)
contains.

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Color

**YUV(90.3730, -2.1559,
38.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	864556
RGB	134, 69, 86
RGB Percent	53%, 27%, 34%
CMY	0.4745, 0.7294, 0.6627
CMYK	0.00, 0.49, 0.36, 0.47
HSL	344°, 32%, 40%
HSV	344°, 49%, 53%
XYZ	13.6394, 9.9965, 10.0147
YIQ	90.3730, 33.2830, 19.0670

Conversions

Conversions Part 2

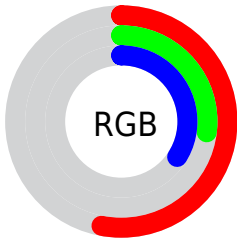
Format	Color
R_{YB}	134, 69, 86
Decimal	8799574
CIE _{Lab}	37.84, 29.72, 2.54
CIE _{LCh}	38, 29.828, 4.887
Yxy	9.9965, 0.4053, 0.2971
Android (android.graphics.Color)	4286989654 (0xFF864556)
YUV	90.3730, -2.1559, 38.2609
Hunter-Lab	31.6172, 21.6731, 3.3519

Details

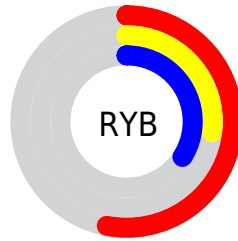
The YUV color **90.3730, -2.1559, 38.2609** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **112.6270, 2.1559, -38.2609**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8680, -2.8929, 41.3348**, and **41.5190, -0.2559, 35.5018** is the 20% darker color. If you saturate the color by 10%, you get **81.6020, -2.7618, 45.9530**, and if you desaturate by 10%, it is **99.1440, -1.5500, 30.5687**.

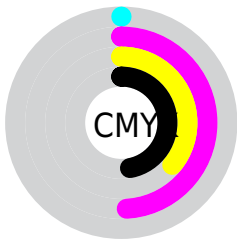
Distribution



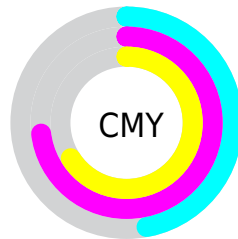
- Red (53%)
- Green (27%)
- Blue (34%)



- Red (53%)
- Yellow (27%)
- Blue (34%)



- Cyan (0%)
- Magenta (49%)
- Yellow (36%)
- Black (47%)



- Cyan (47%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3730, -2.1559, 38.2609 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 90.3730, -2.1559, 38.2609 by changing the saturation by 10% instead.

90.3730, -2.1559,
38.2609

90.3730, -2.1559,
38.2609

255.0000, 0.0000,
0.0000

65.5900, -1.2769,
36.3166

141.8680, -2.8929,
41.3348

41.5190, -0.2559,
35.5018

168.7650, -3.3351,
43.1791

19.1380, 0.9180,
32.3280

196.3630, -3.6300,
44.4086

10.2800, -4.5750,
20.8024

218.3830, -0.6818,
32.1131

0.0000, 0.0000,
0.0000

238.0110, 3.4456,
14.8994

■ 90.3730, -2.1559,
38.2609

■ 90.3730, -2.1559,
38.2609

■ 81.6020, -2.7618,
45.9530

■ 99.1440, -1.5500,
30.5687

■ 72.2440, -3.0783,
54.1600

■ 108.5020, -1.2335,
22.3617

■ 63.4730, -3.6842,
61.8522

■ 117.2730, -0.6276,
14.6696

■ 54.1150, -4.0007,
70.0591

■ 126.6310, -0.3111,
6.4626

■ 45.4580, -4.1698,
77.6513

■ 135.2880, -0.1420,
-1.1296

■ 44.0560, -4.4646,
78.8809

■ 144.0590, 0.4639,
-8.8217

■ 153.4170, 0.7804,
-17.0287

■ 162.1880, 1.3863,

-24.7209

■ 171.5460, 1.7028,
-32.9278

Harmonies

Analogous

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



91.8690, 8.9386, 26.4249



90.3730, -2.1559, 38.2609



89.2130, -12.9230, 38.4012

Triad

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



90.3730, -2.1559, 38.2609



84.2490, -17.8708, -8.1114



71.9870, 29.5864, -63.1326

Complementary

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



90.3730, -2.1559, 38.2609



112.6270, 2.1559, -38.2609

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.



72.5110, 21.4401, -63.5921



90.3730, -2.1559, 38.2609



79.3090, -5.5753, -31.8430

Square

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



90.3730, -2.1559, 38.2609



86.7030, -23.0246, 11.6615



69.7750, 10.9569, -61.1927



85.1920, 25.5413, -25.6014

Rectangle

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



90.3730, -2.1559, 38.2609



88.8610, -19.1585, 31.6939



69.7750, 10.9569, -61.1927



72.7050, 27.2604, -63.7623

Sweetspot

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



90.3730, -2.1559, 38.2609



155.5720, -0.7750, 15.2844



90.7620, 21.3163, 23.0107



76.2400, -0.6113, 9.4365



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.



90.3730, -2.1559, 38.2609



105.8640, -3.3840, 58.8783



97.2400, -13.9223, 32.2385



61.9080, -0.4476, 3.5887



42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Inverse Universe

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



90.3730, -2.1559, 38.2609



105.8640, -3.3840, 58.8783



105.7600, 13.9223, -32.2385



61.9080, -0.4476, 3.5887



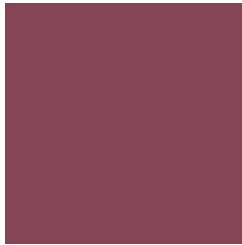
42.7460, -4.3118, 76.5218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 90.3730, -2.1559, 38.2609 looks on a white background.

Color Contrast Check

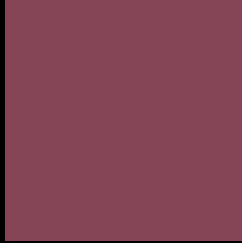
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 90.3730, -2.1559, 38.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

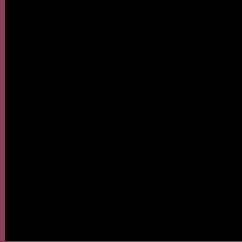
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3730, -2.1559, 38.2609

Background



This preview shows how black text looks on a background with the YUV color 90.3730, -2.1559, 38.2609.



This preview shows how white text looks on a background with the YUV color 90.3730, -2.1559,

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

90.3730, -2.1559, 38.2609

Protanopia

90.0260, 3.9312, -0.8998

Deuteranopia

90.1430, -3.5215, 9.5216



Tritanopia

90.1080, -6.9552, 37.6163

Trichromacy



Original Color

90.3730, -2.1559, 38.2609

Protanomaly

90.2450, 1.8512, 12.9401

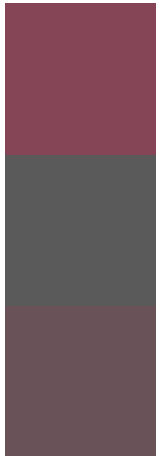
Deuteranomaly

90.3230, -3.1172, 19.8877

Tritanomaly

89.9770, -4.9187, 37.7312

Monochromacy



Original Color

90.3730, -2.1559, 38.2609

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9740, -0.4802, 14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3730, -2.1559, 38.2609 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, 69, 86)` looks like.

```
.text, #text, p{  
    color:rgb(134, 69, 86)  
}
```

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, 69, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 69, 86) }
```

Border

The CSS property to change the border of an element to YUV 90.3730, -2.1559, 38.2609 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, 69, 86) }
```


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

```
.border{ border-color:rgb(134, 69, 86) }
```

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

Here you see how a box with a 4 pixel rgb(134, 69, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 69, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 69, 86);  
box-shadow:4px 4px 4px 4px rgb(134, 69,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 90.3730, -2.1559, 38.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 69, 86) }
```

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

```
.background{ background-color: rgb(134, 69,  
86) }
```

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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