

Converting Colors

YUV(63.0850, -8.9159, 13.0805)

Have a look what the booklet for
YUV(63.0850, -8.9159, 13.0805)
contains.

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Color

**YUV(63.0850, -8.9159,
13.0805)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3B2D
RGB	78, 59, 45
RGB Percent	31%, 23%, 18%
CMY	0.6941, 0.7686, 0.8235
CMYK	0.00, 0.24, 0.42, 0.69
HSL	25°, 27%, 24%
HSV	25°, 42%, 31%
XYZ	5.1795, 4.9371, 3.1626
YIQ	63.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

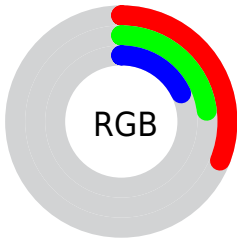
Format	Color
RYB	78, 69, 45
Decimal	5126957
CIELab	26.55, 6.14, 11.89
CIElCh	27, 13.382, 62.703
Yxy	4.9371, 0.3900, 0.3718
Android (android.graphics.Color)	4283317037 (0xFF4E3B2D)
YUV	63.0850, -8.9159, 13.0805
Hunter-Lab	22.2196, 2.7251, 7.1147




Details

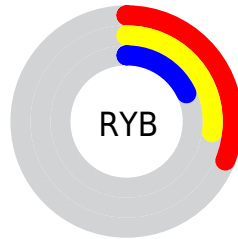
The YUV color **63.0850, -8.9159, 13.0805** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.9150, 8.9159, -13.0805**, and the grayscale version is **63.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.8680, -9.7949, 15.0248**, and **20.1450, -9.9315, 12.1508** is the 20% darker color. If you saturate the color by 10%, you get **59.8250, -11.2527, 15.9395**, and if you desaturate by 10%, it is **66.3450, -6.5791, 10.2214**.

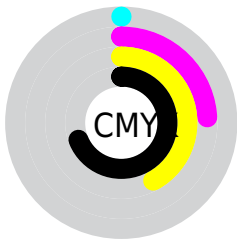
Distribution







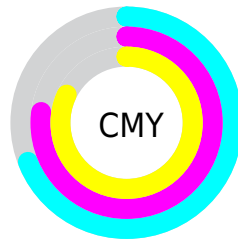
-  Red (31%)
-  Green (23%)
-  Blue (18%)






-  Red (31%)
-  Yellow (27%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (42%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (77%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0850, -8.9159, 13.0805 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 63.0850, -8.9159, 13.0805 by changing the saturation by 10% instead.

■ 63.0850, -8.9159,
13.0805

■ 63.0850, -8.9159,
13.0805

■ 255.0000, 0.0000,
0.0000

■ 40.9000, -8.3317,
12.3657

■ 110.8680, -9.7949,
15.0248

■ 20.1450, -9.9315,
12.1508

■ 136.0530,
-10.3791, 15.7395

■ 0.0000, 0.0000,
0.0000

■ 162.3520,
-10.5265, 16.3543

■ 189.5370,
-11.1107, 17.0691

■ 217.7220,
-11.6949, 17.7838

■ 242.4330,

-10.0735, 11.0213

254.5440, -1.7472,
0.3999

■ 63.0850, -8.9159,
13.0805

■ 63.0850, -8.9159,
13.0805

■ 59.8250, -11.2527,
15.9395

■ 66.3450, -6.5791,
10.2214

■ 55.9780, -13.3002,
19.3133

■ 70.1920, -4.5317,
6.8476

■ 52.8320, -15.2002,
22.0723

■ 73.3380, -2.6316,
4.0886

■ 48.9850, -17.2476,
25.4462

■ 77.1850, -0.5842,
0.7148

■ 45.7250, -19.5844,
28.3052

■ 80.4450, 1.7526,
-2.1443

■ 42.6930, -21.0476,
30.9642

■ 84.2920, 3.8000,
-5.5181

■ 87.5520, 6.1369,
-8.3771

■ 91.2850, 7.7475,
-11.6509

■ 94.5450, 10.0843,
-14.5100

Harmonies

Analogous

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



63.6170, -5.7272, 16.9989



63.0850, -8.9159, 13.0805



61.8130, -9.7678, 6.3030

Triad

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



63.0850, -8.9159, 13.0805



58.4490, 2.2436, -19.6878



64.0740, 7.8515, 1.6891

Complementary

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



63.0850, -8.9159, 13.0805



59.9150, 8.9159, -13.0805

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.



61.6920, 10.5048, -9.3769



63.0850, -8.9159, 13.0805



57.8060, 7.4906, -22.6319

Square

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



63.0850, -8.9159, 13.0805



59.7120, -3.3090, -12.0254



59.3380, 10.6794, -18.7134



64.6900, 3.6038, 10.7959

Rectangle

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



63.0850, -8.9159, 13.0805



61.7090, -8.7305, 0.2552



59.3380, 10.6794, -18.7134



63.3940, 9.1728, -2.0995

Sweetspot

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



63.0850, -8.9159, 13.0805



95.8220, -3.3632, 5.4181



57.0330, 3.4347, 18.3881



47.1530, -2.0474, 3.3738



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.0850, -8.9159, 13.0805



78.4620, -14.0318, 20.6428



72.4770, -13.5462, 4.8437



36.3700, -1.1684, 1.4295



55.7390, -27.4793, 40.5709



125.7090, -61.9745, 91.4632

Inverse Universe

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



59.9150, 8.9159, -13.0805



73.5380, 14.0318, -20.6428



50.5230, 13.5462, -4.8437



36.2170, 0.8790, -1.9443



46.2610, 27.4793, -40.5709



103.7040, 62.2639, -90.9484

Previews

White Background



This preview shows how the YUV color 63.0850, -8.9159, 13.0805 looks on a white background.

Color Contrast Check

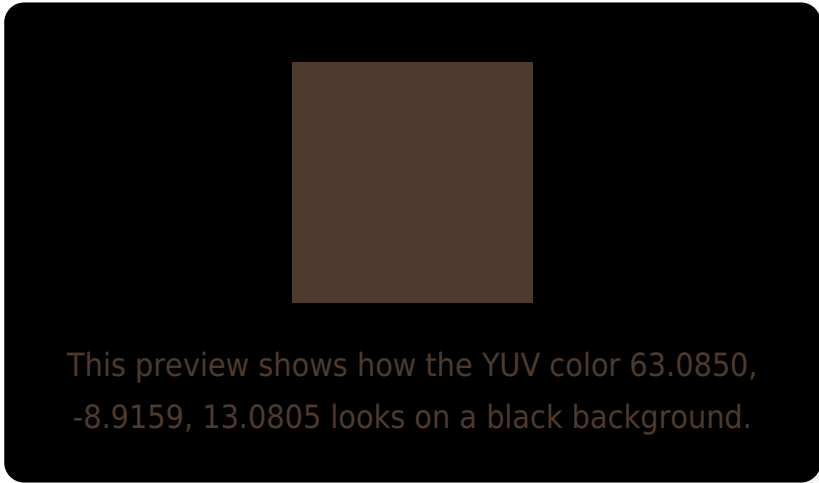
Large Text (above 18pt) WCAG AA ✓ Pass

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

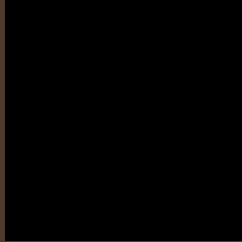
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0850, -8.9159, 13.0805

Background



This preview shows how black text looks on a background with the YUV color 63.0850, -8.9159, 13.0805.

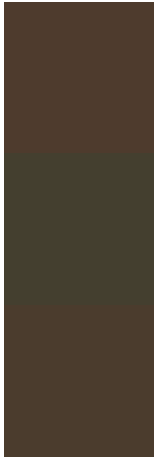


This preview shows how white text looks on a background with the YUV color 63.0850, -8.9159,

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

63.0850, -8.9159, 13.0805

Protanopia

62.6710, -7.7258, 4.6735

Deuteranopia

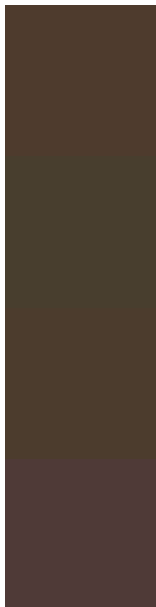
62.7750, -8.7631, 10.7213



Tritanopia

64.3330, -1.6432, 13.7400

Trichromacy



Original Color

63.0850, -8.9159, 13.0805

Protanomaly

63.1660, -8.4628, 7.7474

Deuteranomaly

63.0740, -8.9105, 11.3361

Tritanomaly

63.9370, -4.4059, 13.2103

Monochromacy



Original Color

63.0850, -8.9159, 13.0805

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1100, -3.5052, 4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0850, -8.9159, 13.0805 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(78, 59, 45)` looks like.

```
.text, #text, p{  
    color:rgb(78, 59, 45)  
}
```

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(78, 59, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 59, 45) }
```

Border

The CSS property to change the border of an element to YUV 63.0850, -8.9159, 13.0805 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(78, 59, 45) }
```


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

```
.border{ border-color:rgb(78, 59, 45) }
```

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

Here you see how a box with a 4 pixel rgb(78, 59, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 59, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 59, 45);  
box-shadow:4px 4px 4px 4px rgb(78, 59, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0850, -8.9159, 13.0805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 59, 45) }
```

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

```
.background{ background-color: rgb(78, 59,  
45) }
```

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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