

Converting Colors

YUV(89.4200, -13.5181,
42.6047)

Have a look what the booklet for
YUV(89.4200, -13.5181, 42.6047)
contains.

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Color

**YUV(89.4200, -13.5181,
42.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	8A463E
RGB	138, 70, 62
RGB Percent	54%, 27%, 24%
CMY	0.4588, 0.7255, 0.7569
CMYK	0.00, 0.49, 0.55, 0.46
HSL	6°, 38%, 39%
HSV	6°, 55%, 54%
XYZ	13.5409, 10.1314, 5.7993
YIQ	89.4200, 43.0960, 11.9280

Conversions

Conversions Part 2

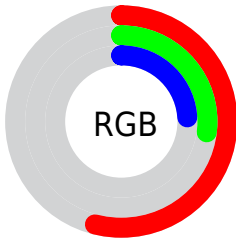
Format	Color
R_{YB}	138, 71, 62
Decimal	9061950
CIE _{Lab}	38.08, 28.05, 17.99
CIE _{LCh}	38, 33.320, 32.672
Yxy	10.1314, 0.4595, 0.3438
Android (android.graphics.Color)	4287252030 (0xFF8A463E)
YUV	89.4200, -13.5181, 42.6047
Hunter-Lab	31.8298, 20.2343, 11.4784

Details

The YUV color **89.4200, -13.5181, 42.6047** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **110.5800, 13.5181, -42.6047**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2850, -15.4235, 47.1081**, and **40.8970, -10.3022, 37.8013** is the 20% darker color. If you saturate the color by 10%, you get **80.7800, -16.1605, 50.1819**, and if you desaturate by 10%, it is **98.0600, -10.8756, 35.0274**.

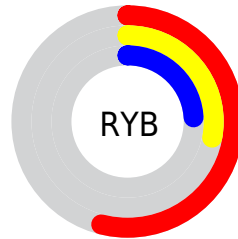
Distribution



Red (54%)

Green (27%)

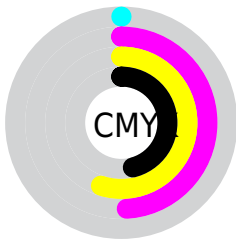
Blue (24%)



Red (54%)

Yellow (28%)

Blue (24%)

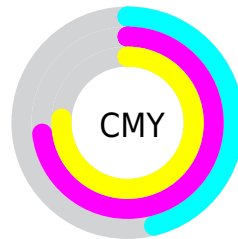


Cyan (0%)

Magenta (49%)

Yellow (55%)

Black (46%)



Cyan (46%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4200, -13.5181, 42.6047 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 89.4200, -13.5181, 42.6047 by changing the saturation by 10% instead.

89.4200, -13.5181,
42.6047

89.4200, -13.5181,
42.6047

255.0000, 0.0000,
0.0000

64.7510, -12.2022,
40.5604

141.2850,
-15.4235, 47.1081

40.8970, -10.3022,
37.8013

168.0680,
-16.3025, 49.0524

17.3420, -8.5496,
35.6571

195.5520,
-17.0341, 50.3819

10.2800, -4.5750,
20.8024

215.0770,
-13.3490, 35.0125

0.0000, 0.0000,
0.0000

235.2920, -9.5110,
17.2839

253.7460, -4.8048,

1.0998

■ 89.4200, -13.5181,
42.6047

■ 89.4200, -13.5181,
42.6047

■ 80.7800, -16.1605,
50.1819

■ 98.0600, -10.8756,
35.0274

■ 71.5530, -18.5136,
58.2740

■ 107.2870, -8.5225,
26.9353

■ 63.0270, -20.7193,
65.7513

■ 115.8130, -6.3168,
19.4580

■ 54.3870, -23.3618,
73.3286

■ 124.4530, -3.6743,
11.8807

■ 50.0670, -24.6830,
77.1172

■ 133.6800, -1.3212,
3.7886

■ 142.3200, 1.3212,
-3.7886

■ 150.9600, 3.9637,
-11.3659

■ 160.0730, 5.8800,
-19.3580

■ 168.7130, 8.5225,
-26.9353

Harmonies

Analogous

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



90.3350, -1.1512, 42.6792



89.4200, -13.5181, 42.6047



88.5360, -22.9422, 31.9789

Triad

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



89.4200, -13.5181, 42.6047



77.9450, -6.8749, -35.0318



83.4620, 29.3522, -34.6082

Complementary

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



89.4200, -13.5181, 42.6047



110.5800, 13.5181, -42.6047

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.



73.7310, 31.1916, -64.6621



89.4200, -13.5181, 42.6047



70.8350, 9.9413, -62.1223

Square

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



89.4200, -13.5181, 42.6047



84.1520, -20.7809, -8.0263



73.9130, 21.7349, -64.8217



91.9290, 21.2340, 2.6933

Rectangle

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



89.4200, -13.5181, 42.6047



87.5470, -26.3987, 20.5683



73.9130, 21.7349, -64.8217



74.4700, 33.7853, -56.5402

Sweetspot

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



89.4200, -13.5181, 42.6047



159.0300, -5.4378, 17.5137



92.4760, 18.4993, 39.9245



77.5560, -3.2321, 10.0364



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



89.4200, -13.5181, 42.6047



103.3260, -20.8667, 66.3661



111.7260, -24.5149, 23.0423



64.6800, -1.3212, 3.7886



47.9850, -23.6566, 74.5582



2.0820, -1.0264, 2.5591

Inverse Universe

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



110.5800, 13.5181, -42.6047



136.0870, 21.1561, -65.8513



88.2740, 24.5149, -23.0423



66.3200, 1.3212, -3.7886



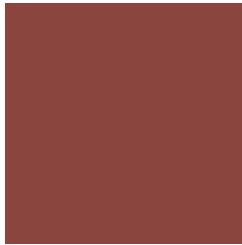
85.0150, 23.6566, -74.5582



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 89.4200, -13.5181, 42.6047 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 × Fail

Black Background



This preview shows how the YUV color 89.4200, -13.5181, 42.6047 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 89.4200, -13.5181, 42.6047

Background



This preview shows how black text looks on a background with the YUV color 89.4200, -13.5181, 42.6047.

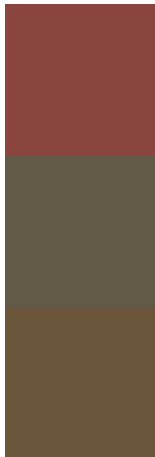


This preview shows how white text looks on a background with the YUV color 89.4200, -13.5181,

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

89.4200, -13.5181, 42.6047

Protanopia

89.6280, -9.1836, 5.5882

Deuteranopia

89.5000, -15.0365, 16.2245



Tritanopia

89.7990, -8.2819, 43.1493

Trichromacy



Original Color

89.4200, -13.5181, 42.6047

Protanomaly

89.6620, -10.6794, 18.7134

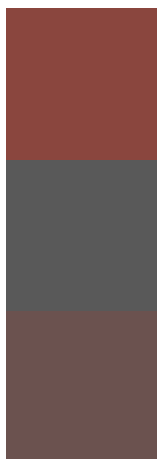
Deuteranomaly

89.3810, -14.4848, 25.9759

Tritanomaly

89.9300, -10.3185, 43.0344

Monochromacy



Original Color

89.4200, -13.5181, 42.6047

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1330, -4.9956, 15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4200, -13.5181, 42.6047 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(138, 70, 62)` looks like.

```
.text, #text, p{  
    color:rgb(138, 70, 62)  
}
```

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(138, 70, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 70, 62) }
```

Border

The CSS property to change the border of an element to YUV 89.4200, -13.5181, 42.6047 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(138, 70, 62) }
```


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

```
.border{ border-color:rgb(138, 70, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 70, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 70, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 70, 62);  
box-shadow:4px 4px 4px 4px rgb(138, 70,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 89.4200, -13.5181, 42.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 70, 62) }
```

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

```
.background{ background-color: rgb(138, 70,  
62) }
```

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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