

Converting Colors

YUV(87.4050, -17.4547,
45.2488)

Have a look what the booklet for
YUV(87.4050, -17.4547, 45.2488)
contains.

YUV(87.4050, -17.4547, 45.2488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.4050, -17.4547,
45.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4434
RGB	139, 68, 52
RGB Percent	55%, 27%, 20%
CMY	0.4549, 0.7333, 0.7961
CMYK	0.00, 0.51, 0.63, 0.45
HSL	11°, 46%, 37%
HSV	11°, 63%, 55%
XYZ	13.3344, 9.8711, 4.4513
YIQ	87.4050, 47.4520, 10.0760

Conversions

Conversions Part 2

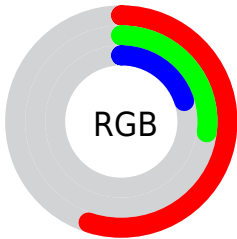
Format	Color
R_{YB}	139, 72, 52
Decimal	9126964
CIE Lab	37.61, 28.73, 23.53
CIE LCh	38, 37.136, 39.324
Yxy	9.8711, 0.4821, 0.3569
Android (android.graphics.Color)	4287317044 (0xFF8B4434)
YUV	87.4050, -17.4547, 45.2488
Hunter-Lab	31.4184, 20.7758, 13.5927

Details

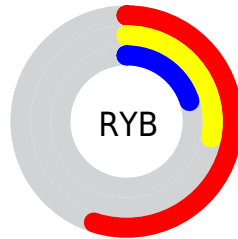
The YUV color **87.4050, -17.4547, 45.2488** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **103.5950, 17.4547, -45.2488**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1560, -19.7969, 49.8522**, and **38.3550, -14.9650, 40.0307** is the 20% darker color. If you saturate the color by 10%, you get **79.3520, -20.3865, 52.3113**, and if you desaturate by 10%, it is **95.4580, -14.5228, 38.1863**.

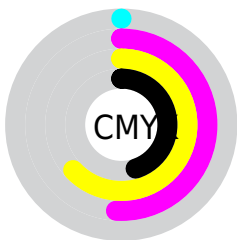
Distribution



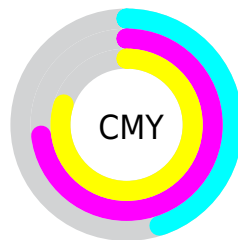
- Red (55%)
- Green (27%)
- Blue (20%)



- Red (55%)
- Yellow (28%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (45%)



- Cyan (45%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4050, -17.4547, 45.2488 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 87.4050, -17.4547, 45.2488 by changing the saturation by 10% instead.

87.4050, -17.4547,
45.2488

87.4050, -17.4547,
45.2488

255.0000, 0.0000,
0.0000

62.4370, -15.9914,
42.5898

139.1560,
-19.7969, 49.8522

38.3550, -14.9650,
40.0307

166.2380,
-20.8233, 52.4113

17.3420, -8.5496,
35.6571

193.7220,
-21.5549, 53.7408

9.6820, -4.2802,
19.5729

212.6490,
-17.5750, 37.1418

0.0000, 0.0000,
0.0000

232.7500,
-14.1737, 19.5133

252.3780,

-10.0464, 2.2995

■ 87.4050, -17.4547,
45.2488

■ 87.4050, -17.4547,
45.2488

■ 79.3520, -20.3865,
52.3113

■ 95.4580, -14.5228,
38.1863

■ 70.7120, -23.0290,
59.8886

■ 104.0980,
-11.8803, 30.6091

■ 62.6590, -25.9609,
66.9511

■ 112.1510, -8.9484,
23.5466

■ 56.8230, -28.0137,
72.0692

■ 120.2040, -6.0166,
16.4841

■ 128.8440, -3.3741,
8.9068

■ 136.7830, -0.8790,
1.9443

■ 144.8360, 2.0529,
-5.1182

■ 153.4760, 4.6953,
-12.6955

■ 161.5290, 7.6272,
-19.7579

Harmonies

Analogous

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



88.5700, -4.2250, 48.6121



87.4050, -17.4547, 45.2488



86.3850, -27.3048, 31.2344

Triad

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



87.4050, -17.4547, 45.2488



68.2950, -1.1314, -57.2637



83.7660, 31.6674, -30.4898

Complementary

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



87.4050, -17.4547, 45.2488



103.5950, 17.4547, -45.2488

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.



73.3550, 34.8280, -64.3323



87.4050, -17.4547, 45.2488



71.5190, 12.5621, -62.7222

Square

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



87.4050, -17.4547, 45.2488



80.6350, -20.0331, -14.5889



74.2380, 25.5187, -65.1067



91.3860, 21.5017, 10.1855

Rectangle

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



87.4050, -17.4547, 45.2488



85.3140, -29.7348, 17.2646



74.2380, 25.5187, -65.1067



73.8660, 36.5481, -56.0105

Sweetspot

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



87.4050, -17.4547, 45.2488



160.6880, -6.7482, 17.8136



86.1070, 18.1882, 46.3872



79.6270, -4.2531, 10.8511



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.4050, -17.4547, 45.2488



100.3390, -27.2821, 70.7397



112.6460, -29.8985, 23.1125



64.6800, -1.3212, 3.7886



53.8550, -26.5505, 69.4102



2.0820, -1.0264, 2.5591

Inverse Universe

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



103.5950, 17.4547, -45.2488



125.6610, 27.2821, -70.7397



78.3540, 29.8985, -23.1125



66.3200, 1.3212, -3.7886



78.5580, 26.8399, -68.8954



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 87.4050, -17.4547, 45.2488 looks on a white background.

Color Contrast Check

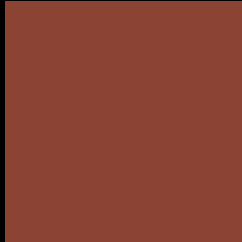
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4050, -17.4547, 45.2488 looks on a 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 87.4050, -17.4547, 45.2488

Background



This preview shows how black text looks on a background with the YUV color 87.4050, -17.4547, 45.2488.



This preview shows how white text looks on a background with the YUV color 87.4050, -17.4547,

45.2488.

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

87.4050, -17.4547, 45.2488

Protanopia

88.0860, -13.8464, 7.8176

Deuteranopia

88.0720, -19.2625, 18.3539



Tritanopia

88.5820, -9.1609, 45.0936

Trichromacy



Original Color

87.4050, -17.4547, 45.2488

Protanomaly

87.5330, -15.0528, 21.4576

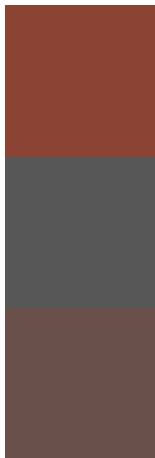
Deuteranomaly

87.9530, -18.7108, 28.1052

Tritanomaly

88.3710, -12.5079, 45.2786

Monochromacy



Original Color

87.4050, -17.4547, 45.2488

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0900, -6.4534, 16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4050, -17.4547, 45.2488 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(139, 68, 52)` looks like.

```
.text, #text, p{  
    color:rgb(139, 68, 52)  
}
```

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(139, 68, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 68, 52) }
```

Border

The CSS property to change the border of an element to YUV 87.4050, -17.4547, 45.2488 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(139, 68, 52) }
```


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

```
.border{ border-color:rgb(139, 68, 52) }
```

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

Here you see how a box with a 4 pixel rgb(139, 68, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 68, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 68, 52);  
box-shadow:4px 4px 4px 4px rgb(139, 68,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 87.4050, -17.4547, 45.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 68, 52) }
```

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

```
.background{ background-color: rgb(139, 68,  
52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor