

Converting Colors

YUV(87.2060, -5.5246, 45.4233)

Have a look what the booklet for
YUV(87.2060, -5.5246, 45.4233)
contains.

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Color

**YUV(87.2060, -5.5246,
45.4233)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8B3F4C |
| RGB | 139, 63, 76 |
| RGB Percent | 55%, 25%, 30% |
| CMY | 0.4549, 0.7529, 0.7020 |
| CMYK | 0.00, 0.55, 0.45, 0.45 |
| HSL | 350°, 38%, 40% |
| HSV | 350°, 55%, 55% |
| XYZ | 13.7295, 9.5658, 7.9602 |
| YIQ | 87.2060, 41.1230, 20.1550 |

Conversions

Conversions Part 2

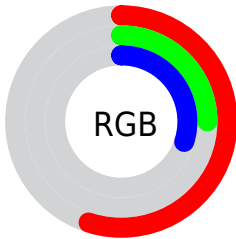
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 139, 63, 76 |
| Decimal | 9125708 |
| CIE _{Lab} | 37.05, 33.68, 7.84 |
| CIE _{LCh} | 37, 34.577, 13.106 |
| Yxy | 9.5658, 0.4393, 0.3061 |
| Android (android.graphics.Color) | 4287315788 (0xFF8B3F4C) |
| YUV | 87.2060, -5.5246, 45.4233 |
| Hunter-Lab | 30.9286, 25.1126, 6.3903 |

Details

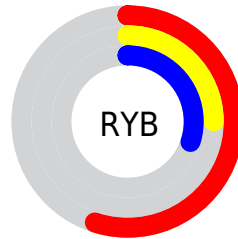
The YUV color **87.2060, -5.5246, 45.4233** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **114.7940, 5.5246, -45.4233**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8860, -6.8458, 49.2120**, and **36.1070, -2.0248, 42.8792** is the 20% darker color. If you saturate the color by 10%, you get **77.6200, -6.7147, 53.8303**, and if you desaturate by 10%, it is **96.7920, -4.3345, 37.0164**.

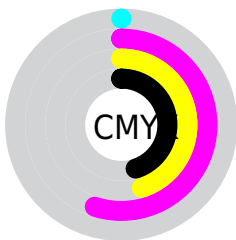
Distribution



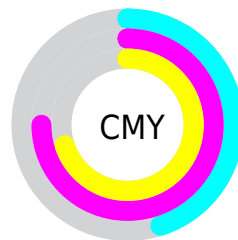
- Red (55%)
- Green (25%)
- Blue (30%)



- Red (55%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (55%)
- Yellow (45%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2060, -5.5246, 45.4233 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 87.2060, -5.5246, 45.4233 by changing the saturation by 10% instead.

87.2060, -5.5246,
45.4233

87.2060, -5.5246,
45.4233

255.0000, 0.0000,
0.0000

62.4230, -4.6455,
43.4790

138.8860, -6.8458,
49.2120

36.1070, -2.0248,
42.8792

165.7830, -7.2880,
51.0563

18.9660, -4.9132,
35.9868

193.5660, -8.1670,
53.0006

10.5790, -4.7224,
21.4172

213.4930, -4.1870,
36.4016

0.0000, 0.0000,
0.0000

233.1210, -0.0597,
19.1879

252.6520, 1.1576,

2.0592

■ 87.2060, -5.5246,
45.4233

■ 87.2060, -5.5246,
45.4233

■ 77.6200, -6.7147,
53.8303

■ 96.7920, -4.3345,
37.0164

■ 68.1480, -7.4680,
62.1372

■ 106.2640, -3.5812,
28.7095

■ 58.5620, -8.6581,
70.5441

■ 115.8500, -2.3910,
20.3026

■ 49.0900, -9.4114,
78.8511

■ 125.3220, -1.6377,
11.9956

■ 44.2970, -10.0064,
83.0545

■ 134.9080, -0.4476,
3.5887

■ 143.7930, 0.5951,
-4.2035

■ 153.3790, 1.7852,
-12.6104

■ 162.8510, 2.5385,
-20.9173

■ 172.4370, 3.7286,
-29.3242

Harmonies

Analogous

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



88.8810, 7.4537, 36.0614



87.2060, -5.5246, 45.4233



86.5570, -18.0226, 40.7305

Triad

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



87.2060, -5.5246, 45.4233



79.4220, -16.9700, -17.0331



71.7250, 33.6596, -62.9028

Complementary

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



87.2060, -5.5246, 45.4233



114.7940, 5.5246, -45.4233

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.



72.3630, 25.9500, -63.4624



87.2060, -5.5246, 45.4233



67.2780, 1.3419, -57.2488

Square

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



87.2060, -5.5246, 45.4233



83.4590, -26.3553, 6.6135



70.5730, 14.0145, -61.8925



84.7950, 27.7091, -20.8682

Rectangle

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



87.2060, -5.5246, 45.4233



86.1940, -24.2526, 32.2789



70.5730, 14.0145, -61.8925



72.4430, 31.3336, -63.5325

Sweetspot

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



87.2060, -5.5246, 45.4233



161.2410, -2.0908, 17.3286



90.2020, 24.0574, 30.5178



79.7240, -1.3429, 10.7661



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.



87.2060, -5.5246, 45.4233



99.8610, -8.8055, 71.1589



99.8120, -18.1483, 34.3679



64.2070, -0.5951, 4.2035



42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Inverse Universe

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



87.2060, -5.5246, 45.4233



99.8610, -8.8055, 71.1589



102.1880, 18.1483, -34.3679



64.2070, -0.5951, 4.2035



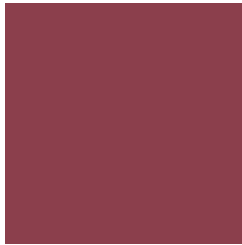
42.3890, -9.5588, 79.4658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 87.2060, -5.5246, 45.4233 looks on a white background.

Color Contrast Check

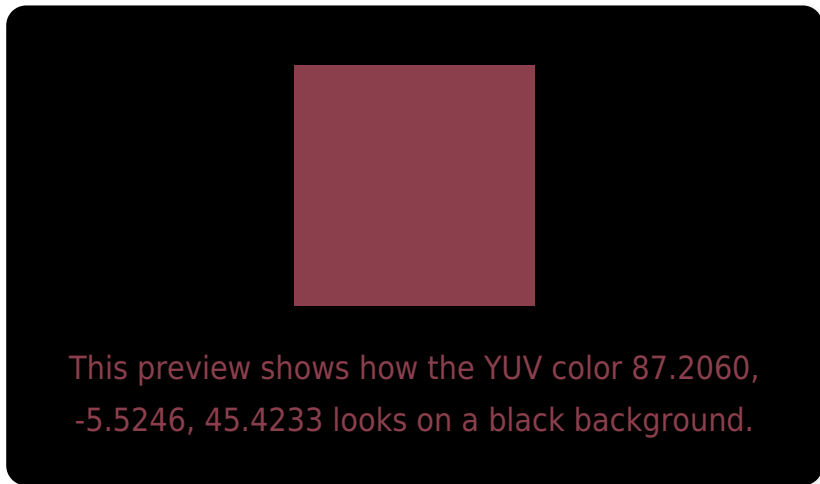
Large Text (above 18pt) WCAG AA ✓ Pass

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

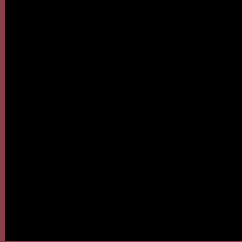
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2060, -5.5246, 45.4233

Background



This preview shows how black text looks on a background with the YUV color 87.2060, -5.5246, 45.4233.



This preview shows how white text looks on a background with the YUV color 87.2060, -5.5246,

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

87.2060, -5.5246, 45.4233

Protanopia

87.8260, 0.5788, 1.0296

Deuteranopia

88.1280, -7.4581, 12.1657



Tritanopia

86.6960, -8.7241, 44.9936

Trichromacy



Original Color

87.2060, -5.5246, 45.4233

Protanomaly

87.3550, -1.6540, 17.2287

Deuteranomaly

87.4330, -6.6225, 24.1763

Tritanomaly

87.0380, -7.4137, 44.6937

Monochromacy



Original Color

87.2060, -5.5246, 45.4233

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9420, -1.9434, 16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2060, -5.5246, 45.4233 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, 63, 76)` looks like.

```
.text, #text, p{  
    color:rgb(139, 63, 76)  
}
```

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, 63, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 63, 76) }
```

Border

The CSS property to change the border of an element to YUV 87.2060, -5.5246, 45.4233 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, 63, 76) }
```


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

```
.border{ border-color:rgb(139, 63, 76) }
```

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

Here you see how a box with a 4 pixel rgb(139, 63, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 63, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 63, 76);  
box-shadow:4px 4px 4px 4px rgb(139, 63,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 87.2060, -5.5246, 45.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 63, 76) }
```

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

```
.background{ background-color: rgb(139, 63,  
76) }
```

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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